

300 E. Mineral Ave., Suite 10 Littleton, CO 80122-2631 303/781-8211 303/781-1167 Fax

August 21, 2006

Fluid Minerals Group Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: Application for Permit to Drill-Dominion Exploration & Production, Inc.

**LCU 6-12H** 

Surface Location: 985' FNL & 1,503' FWL, NE/4 NW/4, Target Location: 1,800' FNL & 2,000' FWL, SE/4 NW/4, Section 12, T11S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Hamilton

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining Carla Christian, Dominion Ken Secrest, Dominion RECEIVED AUG 2 4 2006

DIV. OF OIL, GAS & MINING

FORM APPROVED Form 3160-3 OMB No. 1004-0137 Expires March 31, 2007 (February 2005) UNITED STATES 5. Lease Serial No. DEPARTMENT OF THE INTERIOR UTU-73436 BUREAU OF LAND MANAGEMENT 6. If Indian, Allotee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7 If Unit or CA Agreement, Name and No. REENTER **V** DRILL Little Canyon Unit la. Type of work: 8. Lease Name and Well No. LCU 6-12H Oil Well Gas Well Other ✓ Single Zone Multiple Zone lb. Type of Well: 9. API Well No. Name of Operator 43 047 38 506 Dominion Exploration & Production, Inc. 10. Field and Pool, or Exploratory 3a. Address 14000 Quail Springs Parkway, Suite 600 3b. Phone No. (include area code) undesignated Hill Creek Oklahoma City, OK 73134 405-749-5263 11. Sec., T. R. M. or Bik. and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.\*) 985' FNL & 1,503' FWL, NE/4 NW/4, Section 12, T11S, R20E, SLB&M At proposed prod. zone 1,800' FNL & 2,000' FWL, SE/4 NW/4, 13. State 12. County or Parish 14. Distance in miles and direction from nearest town or post office\* UT Uintah 14.64 miles south of Ouray, Utah 17. Spacing Unit dedicated to this well 16. No. of acres in lease 15. Distance from proposed\* location to neare roperty or lease line, ft 40 acres 1,280 acres (Also to nearest drig. unit line, if any) 1,503' 20. BLM/BIA Bond No. on file 19. Proposed Depth 18. Distance from proposed location to nearest well, drilling, completed, WY 3322 9,400 251 applied for, on this lease, ft. 23 Estimated duration 22 Approximate date work will start\* 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 14 days 01/01/2007 5.514' GR 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: Bond to cover the operations unless covered by an existing bond on file (see 1. Well plat certified by a registered surveyor. Item 20 above). 2 A Drilling Plan Operator certification 3. A Surface Use Plan (if the location is on National Forest System Lands, the Such other site specific information and/or plans as may be required by the SUPO must be filed with the appropriate Forest Service Office). Name (Printed/Typed) 25. Signature 08/21/2006 Don Hamilton Title Agent for Dominio BEATHEY G. HILL

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

ORENVIRONMENTAL MANAGER

Conditions of approval, if any, are attached

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

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CONFIDENTIAL

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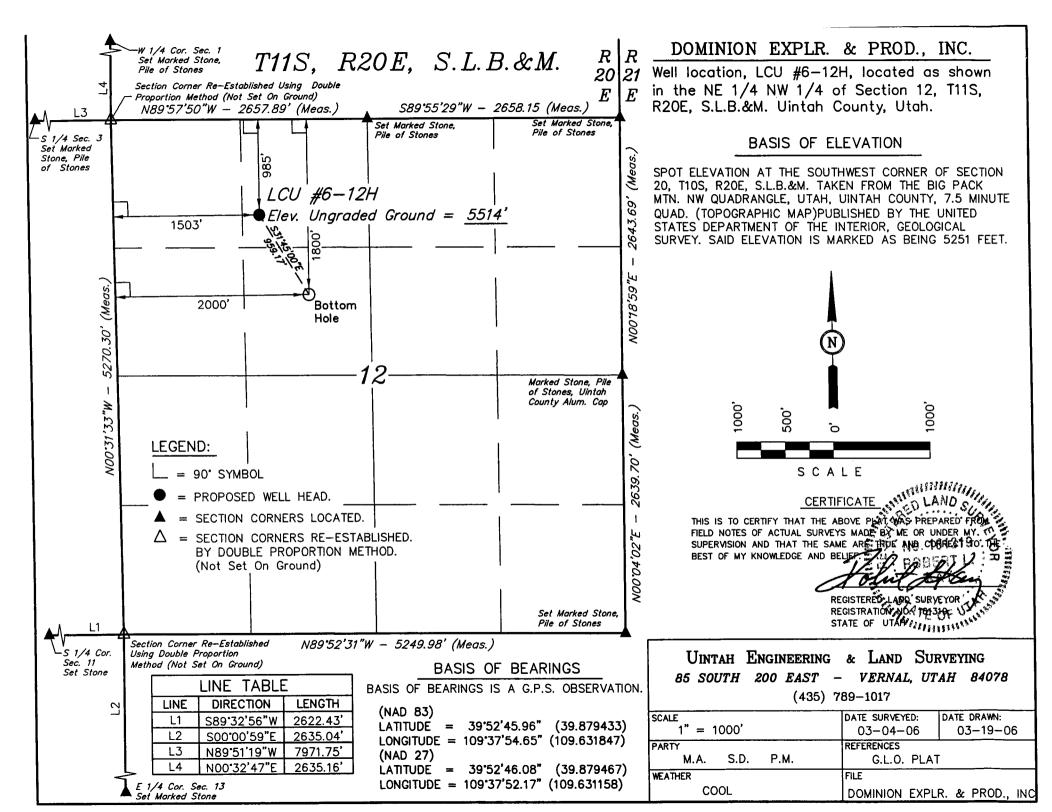
Suct

39.879484 -109.631078

PHIL

617215X 39.871245 109.629817 DIV. OF OIL, GAS & MINING

Federal Approval of this Action is Necessary



### **DRILLING PLAN**

### APPROVAL OF OPERATIONS

#### **Attachment for Permit to Drill**

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

LCU 6-12H

SHL: 985' FNL & 1503' FWL Section 12-11S-20E BHL: 1800' FNL & 2000' FWL Section 12-11S-20E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

### 2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,615'
Green River Tongue	3,950'
Wasatch	4,045'
Chapita Wells	5,030'
Uteland Buttes	6,080'
Mesaverde	6,795

### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	Type		
Wasatch Tongue	3,615'	Oil		
Green River Tongue	3,950'	Oil		
Wasatch	4,045'	Gas		
Chapita Wells	5,030'	Gas		
Uteland Buttes	6,080'	Gas		
Mesaverde	6,795	Gas		

### 4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	<u>Size</u>	Weight	<u>Grade</u>	Conn.	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface Intermediate Production	13-3/8" 9-5/8" 5-1/2"	48.0 ppf 36.0 ppf 17.0 ppf	H-40 J-55 MAV-80	STC STC LTC	0' 0'	500' 3,350' 9,400'	17-½" 12-1/4" 7-7/8"

# 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

### DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set.. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

### MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

Depths	Mud Weight (ppg)	Mud System
0' - 500'	8.4	Air foam mist, no pressure control
500' – 3,350'	8.6	Fresh water, rotating head and diverter
3,350' – 9,400'	8.6	Fresh water/2% KCL/KCL mud system

#### **BLOOIE LINE** 7.

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

### **AUXILIARY EQUIPMENT TO BE USED**

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

# TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

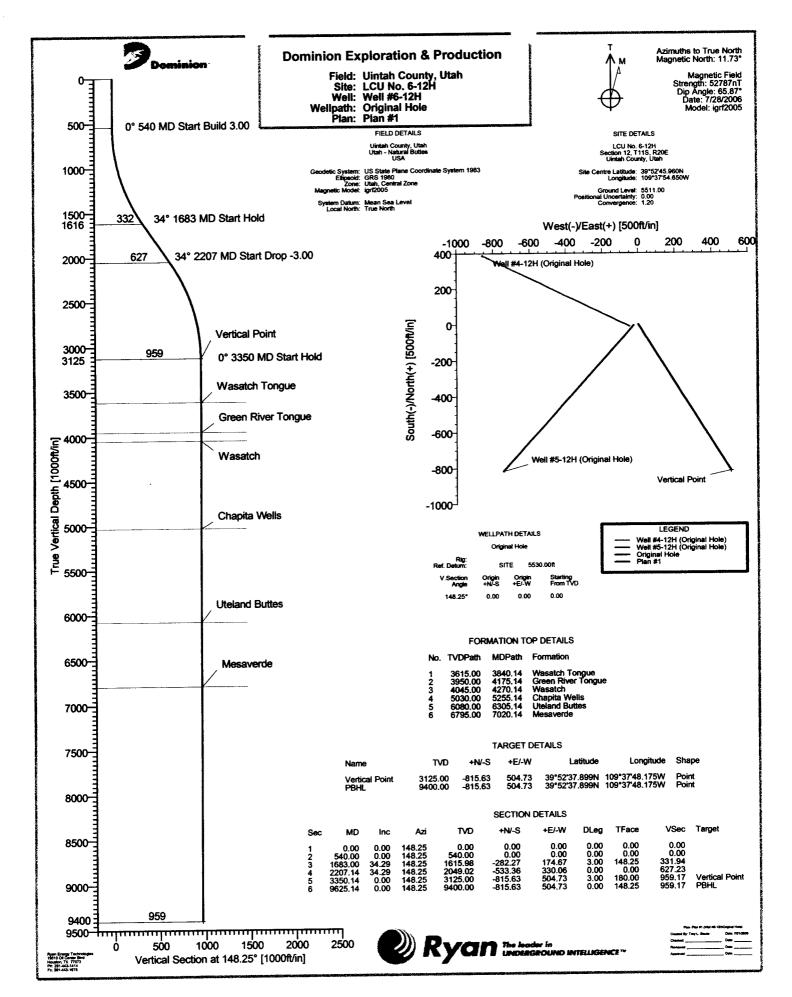
- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

# ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East



#### DRILLING PLAN

### APPROVAL OF OPERATIONS

### 12. CEMENT SYSTEMS

- Surface Cement:
  - Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl2 and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.
- Intermediate Casing Cement:
  - Drill 12-1/4" hole to 3,350'±, run and cement 9-5/8" to surface.
  - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
  - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
  - Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	<u>Cement</u>
<u>Type</u>	<u>Sacks</u>	Interval	Density	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>
Lead	393	· 0'-2,850'	11. ppg	4.14 CFS	931 CF	1,629 CF
Tail	254	2,850'-3,350'	11.6 ppg	1.20 CFS	174 CF	305 CF

Intermediate design volumes based on 75% excess of gauge hole.

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7. Lead Mix:

Slurry weight: 10.5 #/gal. 4.14 cf/sack Slurry yield:

26.07 gal/sack Water requirement: Compressives (a) 110°F: 72 psi after 24 hours

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water. Tail Mix:

15.6 #/gal. Slurry weight: 1.20 cf/sack Slurry yield:

1 hr. 5 min. (a) 110 °F. Pump Time: Compressives @ 110 °F: 2,500 psi after 24 hours

c. Production Casing Cement:

- Drill 7-7/8" hole to 9,400'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

•	Toduction	casing to be comme			<u>Hole</u>	<u>Cement</u>
Type	<u>Sacks</u>	Interval	Density	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>
Lead	90	3,245'-4,045'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	1070	4,045'-9,400'	13.0 ppg	1.75 CFS	928 CF	1856 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7. Lead Mix:

11.60 #/gal. 3.12 cf/sack Slurry weight: Slurry yield:

17.71 gal/sack Water requirement: Compressives (a), 130°F: 157 psi after 24 hours

Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5. Slurry weight:

13.00 #/gal. 1.75 cf/sack Slurry yield: Water requirement: 9.09 gal/sack

Compressives (a), 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

January 1, 200 Starting Date:

14 Days Duration:

Tail Mix:



# Ryan Energy Technologies Inc. **Planning Report**



Page:

Company: Dominion Exploration & Product

Field: Site:

Uintah County, Utah LCU No. 6-12H Well #6-12H

Date: 7/31/2006

Time: 16:20:31

Co-ordinate(NE) Reference: Well: Well #6-12H, True North

Vertical (TVD) Reference: SITE 5530.0

Well (0.00N,0.00E,148.25Azi)

Section (VS) Reference: Plan: Plan #1

Field:

Well:

Uintah County, Utah

Utah - Natural Buttes

USA

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level

Wellpath: Original Hole

Map Zone: Coordinate System: Geomagnetic Model: Utah, Central Zone

Well Centre igrf2005

LCU No. 6-12H

Section 12, T11S, R20E

**Site Position:** 

Uintah County, Utah

Geographic

7130296.65 ft Northing: 2164636.64 ft Easting:

Latitude: Longitude:

45.960 N 109 54.650 W

North Reference: **Grid Convergence:**  True 1.20 deg

Well:

From:

Well #6-12H

+N/-S Well Position: +E/-W 0.00 ft Northing: 0.00 ft Easting: 0.00 ft

0.00 ft

5511.00 ft

7130296.65 ft 2164636.64 ft

Latitude: Longitude:

Drilled From:

Tie-on Depth:

Declination:

Above System Datum:

Slot Name:

39 52 45.960 N 109 37 54.650 W

**Position Uncertainty:** 

**Current Datum:** 

Magnetic Data:

Field Strength:

Vertical Section:

Position Uncertainty:

**Ground Level:** 

Wellpath: Original Hole

Depth From (TVD)

Height 5530.00 ft 7/28/2006

52787 nT

+N/-S

Mag Dip Angle: +E/-W ft

Surface 0.00 ft Mean Sea Level

11.73 deg 65.87 deg Direction dea

ft ft 0.00 0.00 9400.00

Plan:

Principal:

Plan #1

Date Composed: Version:

7/31/2006

148.25

Tied-to:

From Surface

### Plan Section Information

I MIII OCCIIIO										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100f	Build t deg/100f	Turn deg/100ft	TFO deg	Target
0.00	0.00	148.25	0.00 540.00	0.00 0.00	0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	
540.00 1683.00	0.00 34.29	148.25 148.25	1615.98	-282.27	174.67	3.00	3.00	0.00 0.00	148.25 0.00	
2207.14 3350.14	34.29 0.00	148.25 148.25	2049.02 3125.00	-533.36 -815.63	330.06 504.73	0.00 3.00	0.00 -3.00	0.00	180.00	Vertical Point
9625.14	0.00	148.25	9400.00	-815.63	504.73	0.00	0.00	0.00	148.25	PBHL

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/100f	Turn t deg/100ft	Tool/Comment
540.00	0.00	148.25	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	1.80	148.25	599.99	-0.80	0.50	0.94	3.00	3.00	0.00	
700.00	4.80	148.25	699.81	-5.70	3.52	6.70	3.00	3.00	0.00	
800.00	7.80	148.25	799.20	-15.03	9.30	17.67	3.00	3.00	0.00	
900.00	10.80	148.25	897.87	-28.77	17.80	33.83	3.00	3.00	0.00	
1000.00	13.80	148.25	995.57	-46.88	29.01	55.13	3.00	3.00	0.00	
1100.00	16.80	148.25	1092.01	-69.32	42.89	81.51	3.00	3.00	0.00	
1200.00	19.80	148.25	1186.94	-96.01	59.41	112.91	3.00	3.00	0.00	
1300.00	22.80	148.25	1280.10	-126.90	78.53	149.23	3.00	3.00	0.00	
1400.00	25.80	148.25	1371.23	-161.89	100.18	190.38	3.00	3.00	0.00	
1500.00	28.80	148.25	1460.08	-200.88	124.31	236.24	3.00	3.00	0.00	
1600.00	31.80	148.25	1546.41	-243.78	150.86	286.68	3.00	3.00	0.00	
1683.00	34.29	148.25	1615.98	-282.27	174.67	331.94	3.00	3.00	0.00	
1700.00	34.29	148.25	1630.03	-290.41	179.71	341.52	0.00	0.00	0.00	
1800.00	34.29	148.25	1712.65	-338.32	209.36	397.86	0.00	0.00	0.00	



# Ryan Energy Technologies Inc. **Planning Report**



Page:

Company: Dominion Exploration & Product

Field: Site:

Well:

Uintah County, Utah LCU No. 6-12H Well #6-12H Wellpath: Original Hole

Date: 7/31/2006

Time: 16:20:31

Co-ordinate(NE) Reference: Well: Well #6-12H, True North Vertical (TVD) Reference: SITE 5530.0

Well (0.00N,0.00E,148.25Azi)

Section (VS) Reference: Plan: Plan #1

успраци.	Original Hole	<u> </u>									
Survey			The state of the s								
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment	
ft	deg	deg	ft	ft	ft				0.00		
1900.00	34.29	148.25	1795.26	-386.22	239.00	454.19	0.00	0.00	0.00		
2000.00	34.29	148.25	1877.88	-434.13	268.65	510.53	0.00	0.00	0.00		
2100.00	34.29	148.25	1960.50	-482.04	298.30	566.87	0.00	0.00			
2207.14	34.29	148.25	2049.02	-533.36	330.06	627.23	0.00	0.00	0.00		
2300.00	31.50	148.25	2126.98	-576.25	356.60	677.66	3.00	-3.00	0.00		
2400.00	28.50	148.25	2213.57	-618.77	382.91	727.66	3.00	-3.00	0.00		
	25.50 25.50	148.25	2302.66	-657.37	406.80	773.06	3.00	-3.00	0.00		
2500.00		148.25	2394.00	-691.96	428.20	813.74	3.00	-3.00	0.00		
2600.00	22.50	148.25	2487.35	-722.44	447.06	849.58	3.00	-3.00	0.00		
2700.00 2800.00	19.50 16.50	148.25	2582.44	-748.72	463.32	880.48	3.00	-3.00	0.00		
				770 70	470.05	906.37	3.00	-3.00	0.00		
2900.00	13.50	148.25	2679.02	-770.73	476.95	927.16	3.00	-3.00	0.00		
3000.00	10.50	148.25	2776.82	-788.41	487.89		3.00	-3.00	0.00		
3100.00	7.50	148.25	2875.58	-801.72	496.12	942.81		-3.00 -3.00	0.00		
3200.00	4.50	148.25	2975.02	-810.61	501.63	953.27	3.00		0.00		
3300.00	1.50	148.25	3074.87	-815.07	504.38	958.51	3.00	-3.00	0.00		
3350.14	0.00	148.25	3125.00	-815.63	504.73	959.17	3.00	-3.00	0.00	Vertical Point	
3400.00	0.00	148.25	3174.86	-815.63	504.73	959.17	0.00	0.00	0.00		
3500.00	0.00	148.25	3274.86	-815.63	504.73	959.17	0.00	0.00	0.00		
3600.00	0.00	148.25	3374.86	-815.63	504.73	959.17	0.00	0.00	0.00		
3700.00	0.00	148.25	3474.86	-815.63	504.73	959.17	0.00	0.00	0.00		
		440.05	2574.06	-815.63	504.73	959.17	0.00	0.00	0.00		
3800.00	0.00	148.25	3574.86	-815.63	504.73	959.17	0.00	0.00	0.00	Wasatch Tongue	
3840.14	0.00	148.25	3615.00	-815.63 -815.63	504.73	959.17	0.00	0.00	0.00	-	
3900.00	0.00	148.25	3674.86	-815.63 -815.63	504.73 504.73	959.17	0.00	0.00	0.00		
4000.00	0.00	148.25	3774.86			959.17	0.00	0.00	0.00		
4100.00	0.00	148.25	3874.86	-815.63	504.73	303.11	5.00	0.00			
4175.14	0.00	148.25	3950.00	-815.63	504.73	959.17	0.00	0.00	0.00	Green River Tongue	
4200.00	0.00	148.25	3974.86	-815.63	504.73	959.17	0.00	0.00	0.00	Macatab	
4270.14	0.00	148.25	4045.00	-815.63	504.73	959.17	0.00	0.00	0.00	Wasatch	
4300.00	0.00	148.25	4074.86	-815.63	504.73	959.17	0.00	0.00	0.00		
4400.00	0.00	148.25	4174.86	-815.63	504.73	959.17	0.00	0.00	0.00		
4500.00	0.00	148.25	4274.86	-815.63	504.73	959.17	0.00	0.00	0.00		
4500.00	0.00	148.25	4374.86	-815.63	504.73	959.17	0.00	0.00	0.00		
4600.00	0.00	148.25	4374.86 4474.86	-815.63	504.73	959.17	0.00	0.00	0.00		
4700.00	0.00	148.25	4574.86	-815.63	504.73	959.17	0.00	0.00	0.00		
4800.00 4900.00	0.00 0.00	148.25 148.25	4574.86 4674.86	-815.63	504.73	959.17	0.00	0.00	0.00		
,000.00					504.70	050 47	0.00	0.00	0.00		
5000.00	0.00	148.25	4774.86	-815.63	504.73	959.17	0.00	0.00	0.00		
5100.00	0.00	148.25	4874.86	-815.63	504.73	959.17	0.00	0.00	0.00		
5200.00	0.00	148.25	4974.86	-815.63	504.73	959.17	0.00		0.00	Chapita Wells	
5255.14	0.00	148.25	5030.00	-815.63	504.73	959.17	0.00	0.00	0.00	Oliapita TYCIIS	
5300.00		148.25	5074.86	-815.63	504.73	959.17	0.00	0.00	0.00		
5400.00	0.00	148.25	5174.86	-815.63	504.73	959.17	0.00	0.00	0.00		
5500.00		148.25	5274.86	-815.63	504.73	959.17	0.00	0.00	0.00		
5600.00		148.25	5374.86	-815.63	504.73	959.17	0.00	0.00	0.00		
5700.00		148.25	5474.86	-815.63	504.73	959.17	0.00	0.00	0.00		
5800.00		148.25	5574.86	-815.63	504.73	959.17	0.00	0.00	0.00		
5550.50				04-00	F0.4 70	060 47	0.00	0.00	0.00		
5900.00		148.25	5674.86	-815.63	504.73	959.17 959.17	0.00 0.00	0.00	0.00		
6000.00	0.00	148.25	5774.86	-815.63	504.73	959.17		0.00	0.00		
6100.00		148.25	5874.86	-815.63	504.73	959.17	0.00	0.00	0.00		
6200.00	0.00	148.25	5974.86	-815.63	504.73	959.17	0.00		0.00		
6300.00		148.25	6074.86	-815.63	504.73	959.17	0.00	0.00	0.00		
6205 44	0.00	148.25	6080.00	-815.63	504.73	959.17	0.00	0.00	0.00	Uteland Buttes	
6305.14		146.25	6174.86	-815.63	504.73	959.17	0.00	0.00	0.00		
6400.00			6274.86	-815.63	504.73	959.17	0.00	0.00	0.00		
6500.00	0.00 0.00	148.25 148.25	6374.86	-815.63	504.73	959.17	0.00	0.00	0.00		



# Ryan Energy Technologies Inc. **Planning Report**

Plan:



Field:

Site:

Well:

Company: Dominion Exploration & Product

Uintah County, Utah

Wellpath: Original Hole

Page:

LCU No. 6-12H Well #6-12H

Date: 7/31/2006 Time: 16:20:31 Co-ordinate(NE) Reference: Well: Well #6-12H, True North Vertical (TVD) Reference: SITE 5530.0 Section (VS) Reference:

Well (0.00N,0.00E,148.25Azi)

urvey		<del></del>	T3/D	IN/ C	+E/-W	VS	DLS	Build	Turn	Tool/Comment
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+ <u>r:</u> /-vv	ft	deg/100ft	deg/100ft	deg/100ft	
			6474.86	-815.63	504.73	959.17	0.00	0.00	0.00	
700.00	0.00	148.25	U+/4.00	-010.00	JJ4.1 J					
6800.00	0.00	148.25	6574.86	-815.63	504.73	959.17	0.00	0.00	0.00	
6900.00	0.00	148.25	6674.86	-815.63	504.73	959.17	0.00	0.00	0.00	
7000.00	0.00	148.25	6774.86	-815.63	504.73	959.17	0.00	0.00	0.00	
7000.00 7020.14	0.00	148.25	6795.00	-815.63	504.73	959.17	0.00	0.00	0.00	Mesaverde
7020.1 <del>4</del> 7100.00	0.00	148.25	6874.86	-815.63	504.73	959.17	0.00	0.00	0.00	
/ 100.00	0.00	170.20	301 4.00							
7200.00	0.00	148.25	6974.86	-815.63	504.73	959.17	0.00	0.00	0.00	
7200.00	0.00	148.25	7074.86	-815.63	504.73	959.17	0.00	0.00	0.00	
	0.00	148.25	7174.86	-815.63	504.73	959.17	0.00	0.00	0.00	
7400.00		148.25	7274.86	-815.63	504.73	959.17	0.00	0.00	0.00	
7500.00	0.00	148.25	7374.86	-815.63	504.73	959.17	0.00	0.00	0.00	
7600.00	0.00	140.20	1314.00	-010.00	504.15					
==00 0C	0.00	149.25	7474.86	-815.63	504.73	959.17	0.00	0.00	0.00	
7700.00	0.00	148.25	7474.86 7574.86	-815.63	504.73	959.17	0.00	0.00	0.00	
7800.00	0.00	148.25		-815.63	504.73	959.17	0.00	0.00	0.00	
7900.00	0.00	148.25	7674.86 7774.86	-815.63	504.73	959.17	0.00	0.00	0.00	
8000.00	0.00	148.25	7774.86 7974.86	-815.63	504.73 504.73	959.17	0.00	0.00	0.00	
8100.00	0.00	148.25	7874.86	-010.03	JU-1.13	000.11	5.00			
9900 00	0.00	148.25	7974.86	-815.63	504.73	959.17	0.00	0.00	0.00	
8200.00	0.00	148.25	8074.86	-815.63	504.73	959.17	0.00	0.00	0.00	
8300.00	0.00	148.25	8174.86	-815.63	504.73	959.17	0.00	0.00	0.00	
8400.00	0.00	148.25	8274.86	-815.63	504.73	959.17	0.00	0.00	0.00	
8500.00	0.00	148.25	8374.86	-815.63	504.73	959.17	0.00	0.00	0.00	
8600.00	0.00	140.23	3374.00	0.0.50	J J					
9700 00	0.00	148.25	8474.86	-815.63	504.73	959.17	0.00	0.00	0.00	
8700.00	0.00	148.25	8574.86	-815.63	504.73	959.17	0.00	0.00	0.00	
00.0088	0.00	148.25	8674.86	-815.63	504.73	959.17	0.00	0.00	0.00	
8900.00	0.00	148.25	8774.86	-815.63	504.73	959.17	0.00	0.00	0.00	
9000.00		148.25	8874.86	-815.63	504.73	959.17	0.00	0.00	0.00	
9100.00	0.00	140.23	3077.00	010.00		<del>-</del>				
0000 00	0.00	148.25	8974.86	-815.63	504.73	959.17	0.00	0.00	0.00	
9200.00	0.00	148.25	9074.86	-815.63	504.73	959.17	0.00	0.00	0.00	
9300.00	0.00	148.25	9174.86	-815.63	504.73	959.17	0.00	0.00	0.00	
9400.00		148.25	9274.86	-815.63	504.73	959.17	0.00	0.00	0.00	
9500.00	0.00	148.25	9374.86	-815.63	504.73	959.17	0.00	0.00	0.00	
9600.00	0.00	140.23	5314.00	-010.00	00-1.10					
0005 44	0.00	148.25	9400.00	-815.63	504.73	959.17	0.00	0.00	0.00	PBHL
9625.14	0.00	140.20	J-700.00	5.0.00	20 0	2	-			

argets						Мар	Map	<	Latitude>	<- Longitude -
Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Northing ft	Easting ft		Min Sec	Deg Min Sec
Vertical Point			3125.00	-815.63	504.73	7129491.742	165158.29	39	52 37.899 N	109 37 48.175 V
-Plan hit target PBHL -Plan hit target			9400.00	-815.63	504.73	7129491.742	2165158.29	39	52 37.899 N	109 37 48.175 V

MD ft	TVD	Formations	Lithology	Dip Angle deg	Dip Direction deg
		M. A. Tanana		0.00	0.00
3840.14	3615.00	Wasatch Tongue		0.00	0.00
175.14	3950.00	Green River Tongue		0.00	0.00
270.14	4045.00	Wasatch		0.00	0.00
255.14	5030.00	Chapita Wells			
		Uteland Buttes		0.00	0.00
305.14	6080.00	<del></del>		0.00	0.00
7020.14	6795.00	Mesaverde			

### SURFACE USE PLAN

## CONDITIONS OF APPROVAL

### Attachment for Permit to Drill

Name of Operator:

**Dominion Exploration & Production** 

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134 LCU 6-12H

Well Location:

985' FNL & 1503' FWL Section 12-11S-20E SHL:

BHL: 1800' FNL & 2000' FWL Section 12-11S-20E

Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The BLM onsite inspection for the referenced well was conducted on Thursday, May 18, 2006 at approximately 10:00 am. In attendance at the onsite inspection were the following individuals:

Karl Wright

Brandon McDonald

Ken Secrest

Brandon Bowthorpe Billy McClure

Randy Jackson **Don Hamilton** 

Nat. Res. Prot. Spec.

Wildlife Biologist

Field Foreman

Surveyor **Foreman** 

Foreman Agent

Bureau of Land Management - Vernal Bureau of Land Management - Vernal

Dominion E & P, Inc.

Uintah Engineering & Land Surveying

LaRose Construction **Jackson Construction** Buys & Associates, Inc.

#### **Existing Roads**: 1.

- The proposed well site is located approximately 14.64 miles south of Ouray, UT. a.
- Directions to the proposed well site have been attached at the end of Exhibit B. b.
- The use of roads under State and County Road Department maintenance are necessary to c. access the Little Canyon Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- All existing roads will be maintained and kept in good repair during all phases of operation. d.
- Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate e. with road and weather conditions.
- Since no improvements are anticipated to any State, County, Tribal or BLM access roads no f. topsoil striping will occur.
- An off-lease federal right-of-way is not anticipated for the access road or utility corridor g. since both are located within the existing Little Canyon Unit boundary.

### 2. Planned Access Roads:

- a. From the proposed LCU 3-12H access road an access is proposed trending southwest approximately 225' to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across BLM lands.
- BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project.
- f. No turnouts are proposed since the access road is only 225' long and adequate site distance exists in all directions.
- g. No low water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development</u>, (1989).
- 1. The operator will be responsible for all maintenance of the access road including drainage structures.

# Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

# 4. <u>Location of Production Facilities</u>:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown or Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the east side of the well site and traverse 287' northeast to the proposed LCU 3-12H pipeline corridor then continue northeast to the existing 6" pipeline that services the LCU 6-6G.
- i. The new gas pipeline will be a 10" or less steel surface line within a 20' wide utility corridor.

  The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 1,100' is associated with this well.
- j. With this application Dominion requests permission to upgrade the existing pipeline that services the LCU 6-6G from a 6" surface pipeline to a 10" or less surface pipeline to the LCU pipeline corridor.
- k. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

# 5. <u>Location and Type of Water Supply:</u>

 The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

### 6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

# 7. Methods of Handling Waste Disposal:

- All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.

- c. The reserve pit will be located outboard of the location and along the south side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed
  of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

### 8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

### 9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the east.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

# 10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim

reclamation and the pit area will be backfilled and re-contoured.

b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:

(4 lbs / acre) (4 lbs / acre)

Crested Wheat Grass
 Needle and Thread Grass

3. Rice Grass (4 lbs / acre)

- c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

### 11. Surface and Mineral Ownership:

- a. Surface Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

### 12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No drainage crossings that require additional State or Federal approval are being crossed.
  - An Antelope seasonal wildlife timing restriction will apply to this well site.
  - d. The well site is located within the MSO polygon and MSO timing restrictions may apply.

# 13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt) Company Representative (Oklahoma) Agent for Dominion	Ken Secrest Carla Christian Don Hamilton	1-435-722-4521 1-405-749-5263 1-435-637-4075

### Certification:

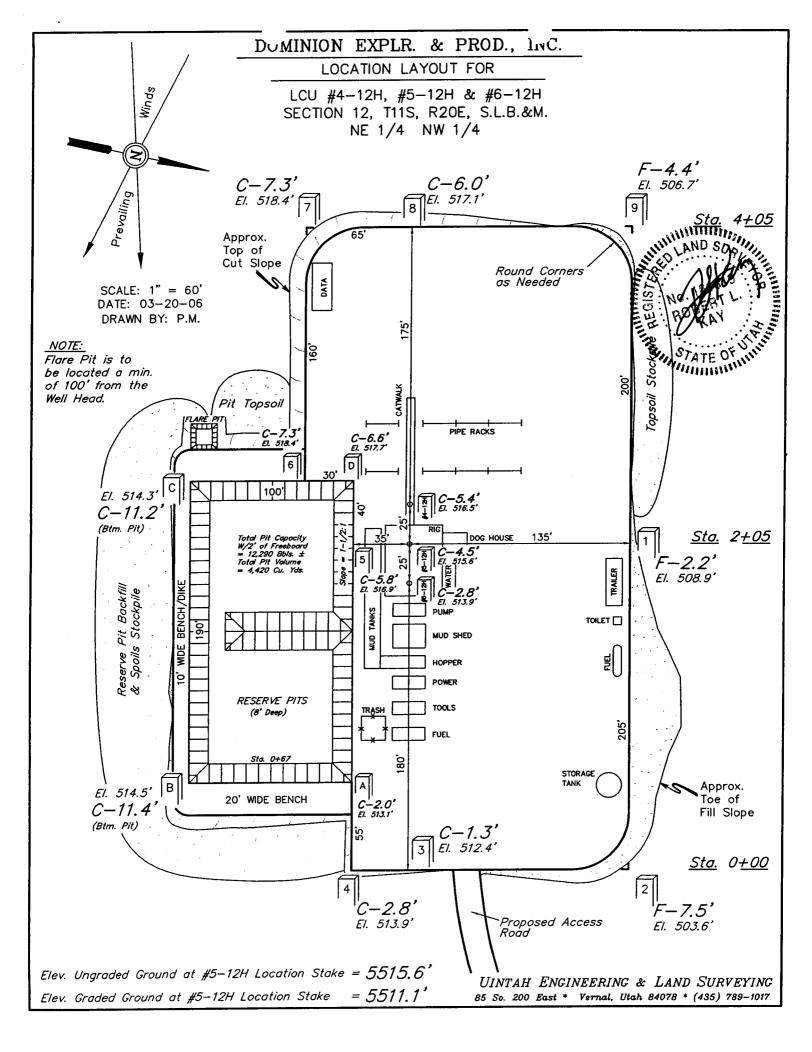
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 8-21-06

# DOMINION EXPLR. & PROD., INC. LCU #4-12H, #5-12H & #6-12H SECTION 12, T11S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 13.5 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #3-12H TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED #3-12H AND THE BEGINNING OF THE PROPOSED THE SOUTHWEST; **FOLLOW ROAD FLAGS** INSOUTHWESTERLY DIRECTION APPROXIMATELY 280' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.6 MILES.



# DUMINION EXPLR. & PROD., INC. TYPICAL CROSS SECTIONS FOR .04 X-Section LCU #4-12H, #5-12H & #6-12H II Scale -SECTION 12, T11S, R20E, S.L.B.&M. NE 1/4 NW 1/4 1" = 100'DATE: 03-20-06 DRAWN BY: P.M. 65' 135' Preconstruction Grade STA. 4+05 100' 35' 135' 10' LOCATION STAKE #5-12H FILL 2+05 STA. 100' 35' 135' Slope = 1 1/2:1Finished Grade (Typ.)STA. 0+67 135' 35 STA. 0+00 NOTE: Topsoil should not be

APPROXIMATE YARDAGES

Stripped Below Finished

Grade on Substructure Area.

CUT

(6") Topsoil Stripping = 2,040 Cu. Yds. Remaining Location = 13,350 Cu. Yds.

TOTAL CUT = 15,390 CU.YDS. FILL = 6,810 CU.YDS. \* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 8,580 Cu. Yds. Topsoil & Pit Backfill = 4,250 Cu. Yds. (1/2 Pit Vol.)

EXCESS UNBALANCE = 4,330 Cu. Yds. (After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# DOMINION EXPLR. & PROD., INC.

LCU #4-12H, #5-12H & #6-12H LOCATED IN UINTAH COUNTY, UTAH **SECTION 12, T11S, R20E, S.L.B.&M.** 

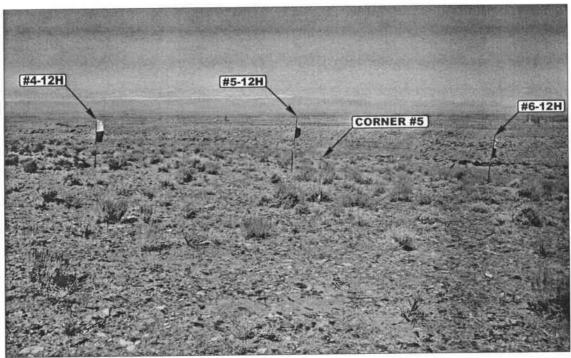


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

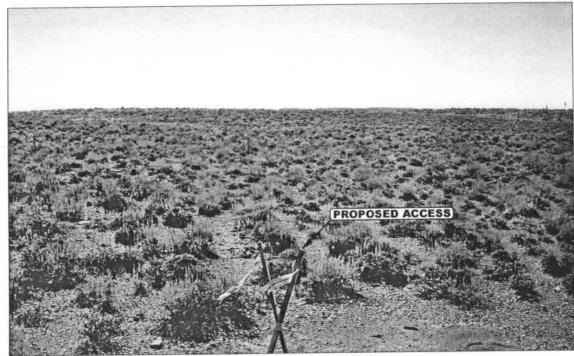


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



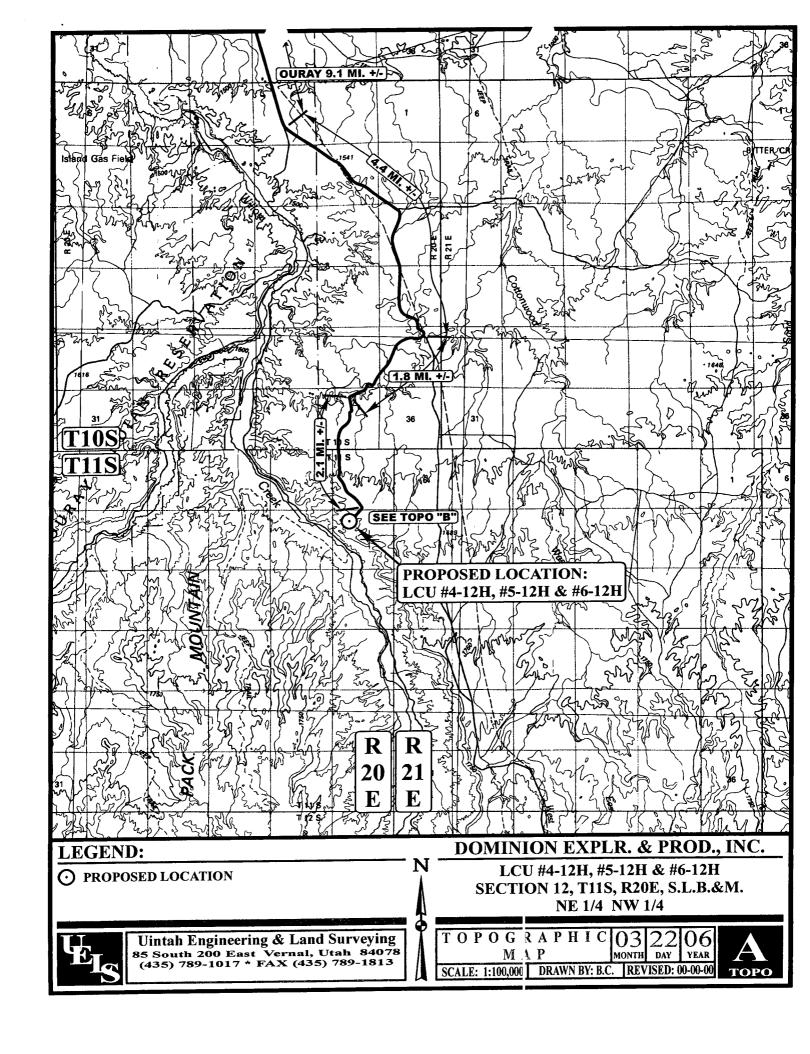
Uintah Engineering & Land Surveying S 85 South 200 East Vernal, Utah 84078 435-789-1017 vels@uelsinc.com

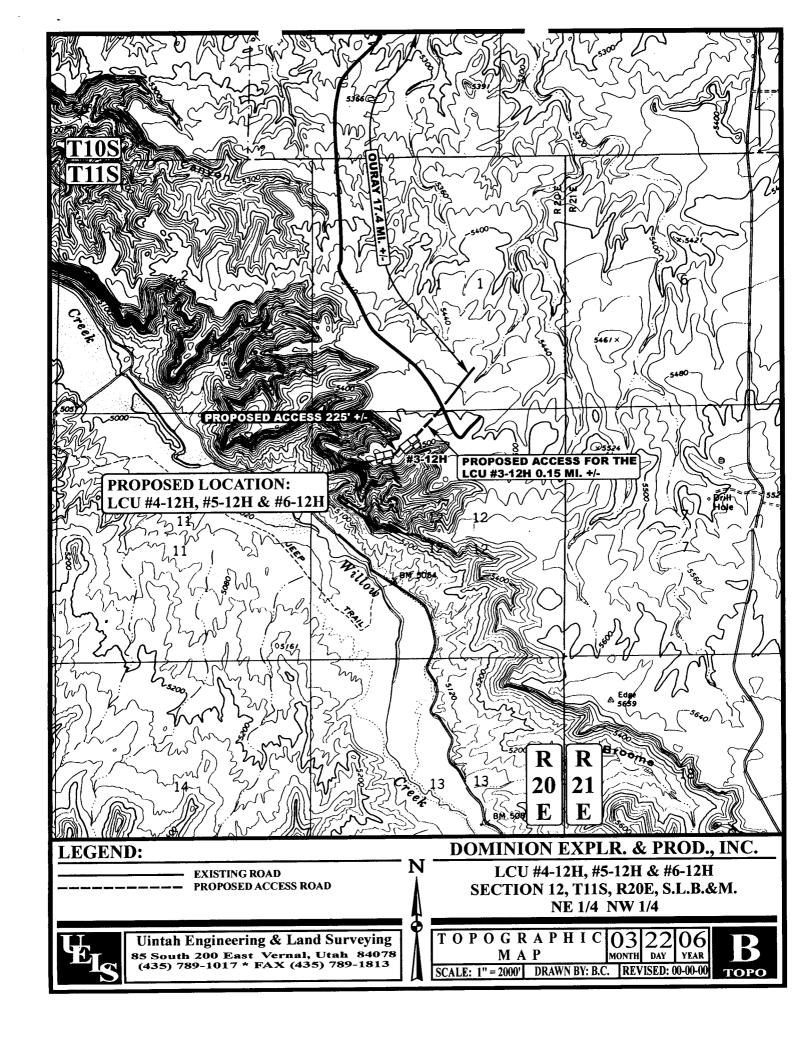
LOCATION PHOTOS

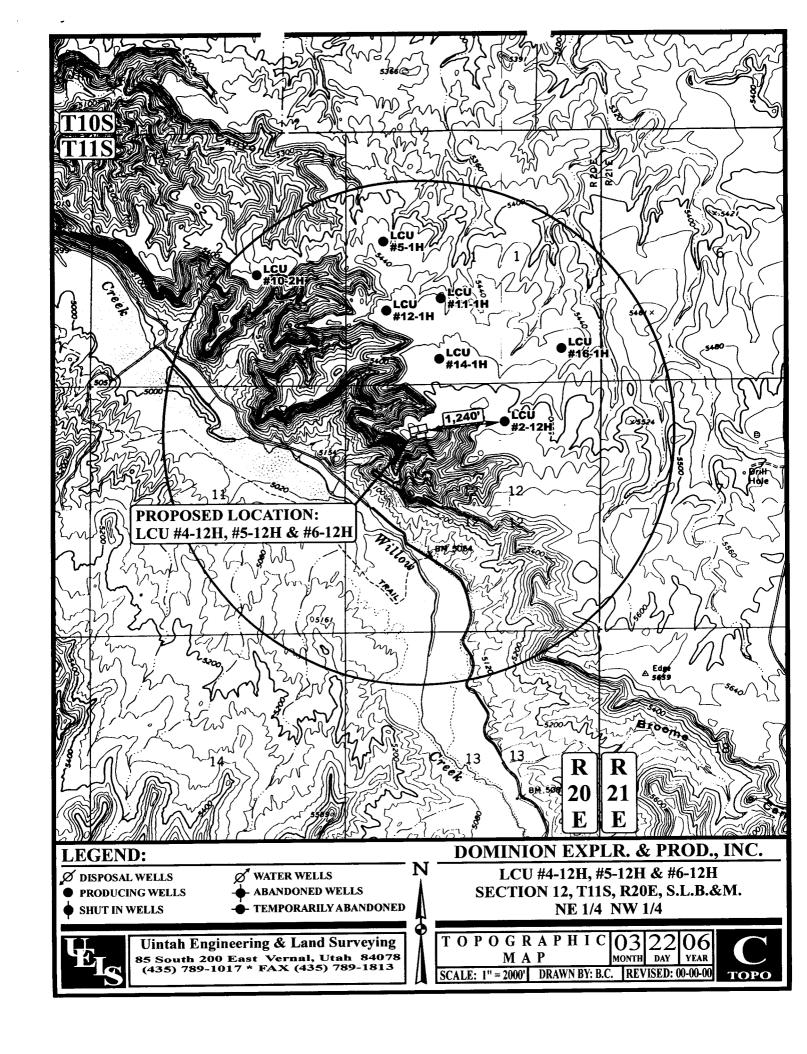
106 MONTH DAY YEAR

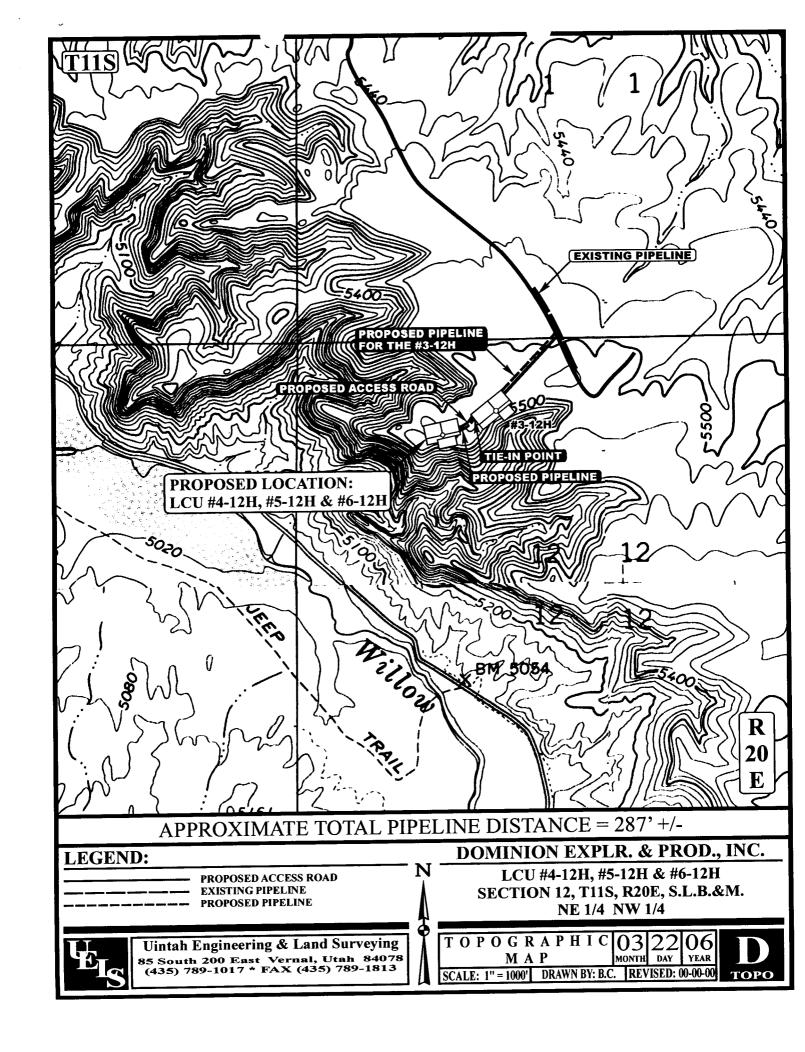
**PHOTO** 

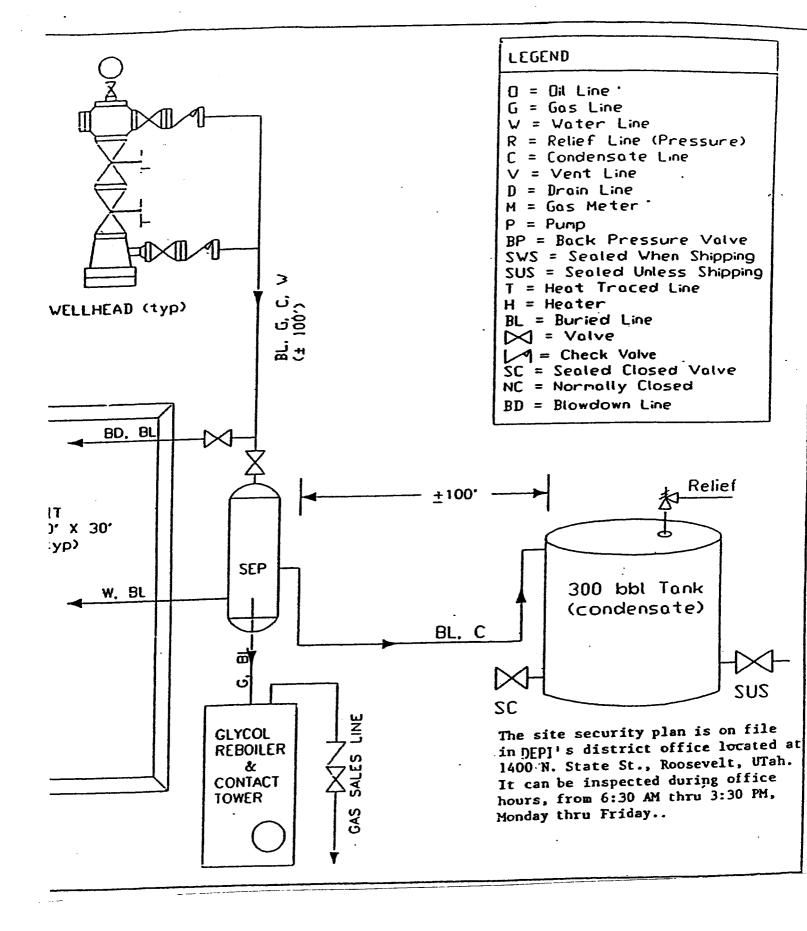
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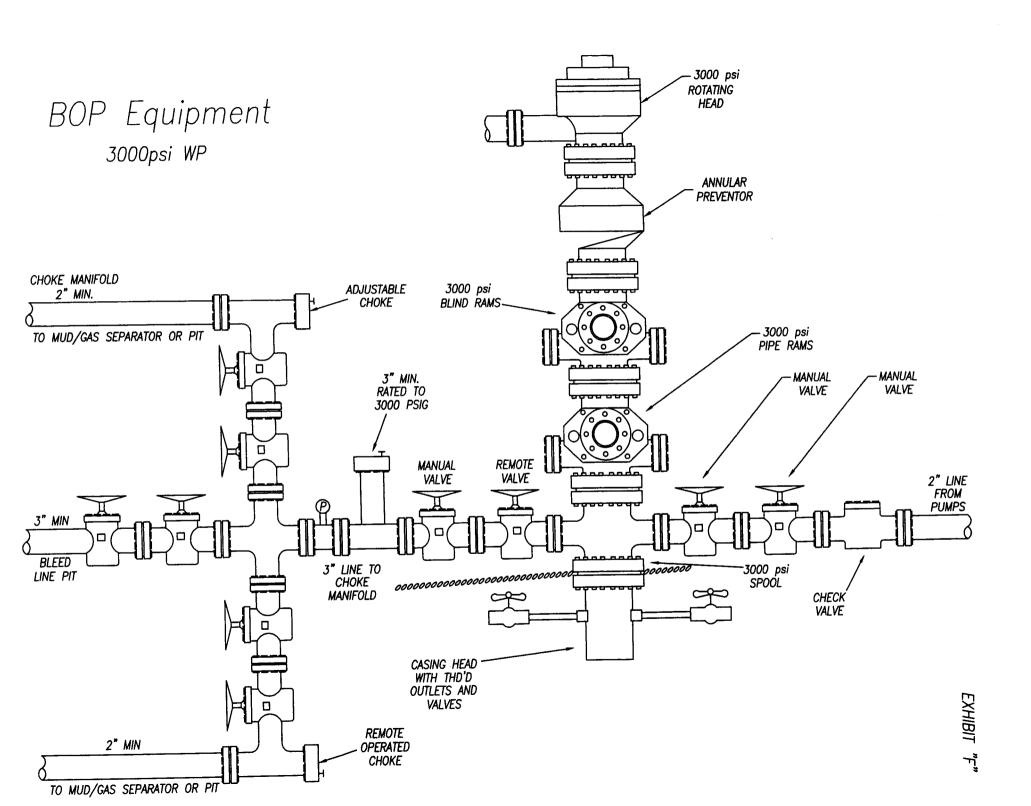






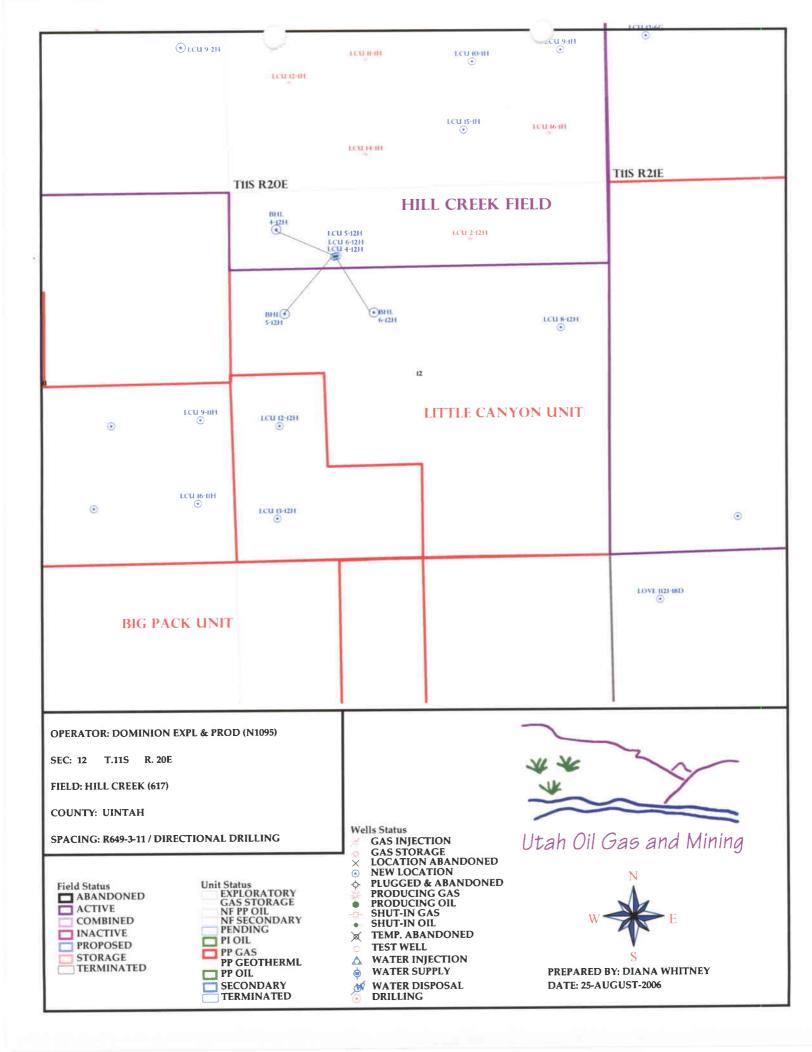






# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVE	ED: 08/24/2006		API NO. ASSIG	NED: 43-047	-38505
OPERATOR:	LCU 6-12H  DOMINION EXPL & PROD ( N1095 )  DON HAMILTON		PHONE NUMBER:	405-749-5263	3
PROPOSED LO	OCATION:		INSPECT LOCATN	BY: /	/
NENW :	12 110S 200E		Tech Review	Initials	Date
	0985 FNL 1503 FWL 1800 FNL 2000 FWL		Engineering		
COUNTY:		Geology			
	39.87948 LONGITUDE: -109.6311 EASTINGS: 617061 NORTHINGS: 44150	168	Surface		
	EASTINGS: 617061 NORTHINGS: 44150			1	
LEASE NUMBE	1 - Federal ER: UTU-73436 NER: 1 - Federal		PROPOSED FORMAT		)
RECEIVED AM	ND/OR REVIEWED:	LOCATI	ON AND SITING:		
(No. No. No. No. No. No. No. No. No. No.	Shale 190-5 (B) or 190-3 or 190-13 or Permit (43-10447 )  Review (Y/N)	Unit:_	LITTLE CANYON  649-3-2. Gener iting: 460 From Qt 649-3-3. Excep rilling Unit Board Cause No: Eff Date: Siting:  649-3-11. Dire	tion	
COMMENTS: _					
511FOLIATION	2- Spacing Stip				



# **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

August 29, 2006

### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development Little Canyon Unit Uintah County,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Little Canyon Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ MesaVerde)

43-047-38503 LCU 4-12H Sec 12 T11S R20E 0995 FNL 1454 FWL BHL Sec 12 T11S R20E 0600 FNL 0650 FWL

43-047-38504 LCU 5-12H Sec 12 T11S R20E 0990 FNL 1478 FWL BHL Sec 12 T11S R20E 1800 FNL 0750 FWL

43-047-38505 LCU 6-12H Sec 12 T11S R20E 0985 FNL 1503 FWL BHL Sec 12 T11S R20E 1800 FNL 2000 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Little Canyon Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron



### State of Utah

### Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

August 29, 2006

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Re:

Little Canyon Unit 6-12H Well, Surface Location 985' FNL, 1503' FWL, NE NW, Sec. 12, T. 11 South, R. 20 East, Bottom Location 1800' FNL, 2000' FWL, SE NW, Sec. 12, T. 11 South, R. 20 East, Uintah County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38505.

Sincerely,

Gil Hunt

Associate Director

Swall

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Dominion Exploration & Production, Inc.			
Well Name & Number	Little Canyon Unit 6-12H			
API Number:	43-047-	38505		
Lease:	UTU-7	3436		
Surface Location: <u>NE NW</u>	Sec. 12	T. 11 South	<b>R.</b> <u>20 East</u>	
Bottom Location: <u>SE NW</u>	Sec. 12_	T. <u>11 South</u>	<b>R.</b> 20 East	

### **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

# RECEIVED

Form 3160-3 (February 2005)

AUG 2 4 2006

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES
DÉPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Lease Serial No.
HTH-73436

APPLICATION FOR PERMIT TO	ORILL OR REENTER		6. If Indian, Allotee N/A	or Tribe Name
la. Type of work: DRILL REENTE	R		7 If Unit or CA Agree	Unit
lb. Type of Well: Oil Well Gas Well Other	8. Lease Name and Well No. LCU 6-12H			
2. Name of Operator  Dominion Exploration & Production, In	ic.		9. API Well No.	7.38505
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5263		10. Field and Pool, or E undesignated	Exploratory
4. Location of Well (Report location clearly and in accordance with any At surface 985' FNL & 1,503' FWL, NE/4 NW. At proposed prod. zone 1,800' FNL & 2,000' FWL, SE/4 NV	/4,		11. Sec., T. R. M. or B Section 12, T1	lk. and Survey or Area
14. Distance in miles and direction from nearest town or post office*  14.64 miles south of Ouray, Utah	<b>t</b>		12. County or Parish Uintah	13, State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1,503'	16. No. of acres in lease 1,280 acres	40 acı		vell
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  25'	19. Proposed Depth 9,400'	20. BLM/I WY 3	BIA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,514' GR	22. Approximate date work will sta 01/01/2007	irt*	23 Estimated duration 14 days	n :
	24. Attachments			
<ol> <li>The following, completed in accordance with the requirements of Onshorm.</li> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).</li> </ol>	Lands, the 5. Operator certifi 6. Such other site BLM.	the operatio	ns unless covered by an	existing bond on file (see
25. Signature Don Hamilton	Name (Printed Typed)  Don Hamilton			Daté 08/21/2006

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Name (Printed/Typed)

JERRY KENCEKA

**VERNAL FIELD OFFICE** 

Conditions of approval, it any, are activated.

Agent for Dominion

ant Fleid Manager

ands & Mineral Resources

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

# CONDITIONS OF APPROVAL ATTACHED

CONFIDENTIAL

Date

2-1-2007

NOTICE OF APPROVAL

Approved by (Sign

RECEIVED FEB 1 3 2007

**ORIGINAL** 

DIV. OF OIL, GAS & MINING



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE



170 South 500 East

VERNAL, UT 84078 (435) 781-4400

### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	<b>Dominion Exploration &amp; Production</b>	Location:	NENW, Sec 12, T11S, R20E
Well No:	LCU 6-12H	Lease No:	UTU-73436
API No:	43-047-38505	Agreement:	Little Canyon Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
After Hours Contact Number: 435-	781-4513	Fax: 435-781-4410	

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify PE)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify PE)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: LCU 6-12H 1/30/2007

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs

The lessee/operator is given notice that lands in the lease have been identified as containing crucial pronghorn (antelope) habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through June 20. If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys shall be conducted. Depending upon the results of the survey, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee will submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods.

The interim seed mix for reclamation will be:

Hy-crest Crested Wheat grass	Agropyron cristatum	4 lbs per acre
Western Wheat grass	Agropyron smithii	4 lbs per acre
Needle and Thread grass	Stipa comata	4 lbs per acre

If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil re-spread over the surface; and, the surface re-vegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

### General Surface COA

Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

Page 3 of 6 Well: LCU 6-12H 1/30/2007

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A casing shoe integrity test shall be run on the surface casing shoe.
- Production casing cement shall be brought up and into the intermediate casing.
- A cement Bond Log (CBL) shall be run from the production casing shoe to the intermediate casing shoe. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.
- Intermediate casing cement shall be brought up and into the surface casing.

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

Page 4 of 6 Well: LCU 6-12H 1/30/2007

- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field
  Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until
  the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

Page 5 of 6 Well: LCU 6-12H 1/30/2007

• Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports will be
  submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the
  API standards for liquid hydrocarbons and the AGA standards for natural gas
  measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - o Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

Page 6 of 6 Well: LCU 6-12H 1/30/2007

All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL
3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will
be reported verbally within 24 hours, followed by a written report within 15 days. "Other
than Major Events" will be reported in writing within 15 days. "Minor Events" will be
reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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v	u	Ш	ш	IJ		N	13	ı	LASE DESIGNATION AND SERIAL	NUMBER:

FORM 9

UTU-73436 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS N/A 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. Little Canyon Unit 8. WELL NAME and NUMBER: 1 TYPE OF WELL GAS WELL 🔽 **OTHER** OIL WELL **LCU 6-12H** 9. API NUMBER: 2. NAME OF OPERATOR: 4304738505 **Dominion Exploration & Production, Inc.** PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: STATE UT <sub>ZIP</sub> 84066 Hill Creek CITY Roosevelt (435) 722-4521 P.O. Box 1360 4. LOCATION OF WELL COUNTY: Uintah FOOTAGES AT SURFACE: 985' FNL & 1,503' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 12 11S 20E S STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION DEEPEN REPERFORATE CURRENT FORMATION ACIDIZE NOTICE OF INTENT SIDETRACK TO REPAIR WELL FRACTURE TREAT (Submit in Duplicate) ALTER CASING **NEW CONSTRUCTION** TEMPORARILY ABANDON Approximate date work will start CASING REPAIR **TUBING REPAIR** CHANGE TO PREVIOUS PLANS OPERATOR CHANGE VENT OR FLARE PLUG AND ABANDON **CHANGE TUBING**  $\mathbf{Z}$ SUBSEQUENT REPORT PLUG BACK WATER DISPOSAL CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: Permit Extension RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Dominion Exploration & Production, Inc. hereby requests a one year extension of the state permit for the referenced well This is the first extension that has been requested. Approved by the Utah Division of Oil. Gas and Mining Agent for Dominion Exploration & Production, Inc. **Don Hamilton** NAME (PLEASE PRINT) 8/16/2007 DATE SIGNATURE

(This space for State use only)

8-21-57

(See Instructions on Reverse Side)

RECENED

AUG 2 0 2007

# Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API:

4304738505

Well Name: LCU 6-12H Location: NE NW 12 11S-20E 985' FNL & 1,503' FWL Company Permit Issued to: DOMINION EXPL & PROD INC Date Original Permit Issued: 8/29/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes⊡No☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes □ No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
ls bonding still in place, which covers this proposed well? Yes ☑No□
Don Hamilton 8/16/2007 Signature Date
Signature Date
Title: Agent
Representing: DOMINION EXPL & PROD INC

### Division of Oil, Gas and Mining

### **OPERATOR CHANGE WORKSHEET**

R	OUTING
1.	DJJ
2	CDW

X - Change of Operator (Well Sold
-----------------------------------

A - Change of Operator (Well Sold)				Орега	ioi Naine	Change/Merg	,CI	
The operator of the well(s) listed below has chang	ged, e	effectiv	e:			7/1/2007		
FROM: (Old Operator):				TO: (New Op	perator):			
N1095-Dominion Exploration & Production, Inc				N2615-XTO E	•			
14000 Quail Springs Parkway, Suite 600				8	uston St			
Oklahoma City, OK 73134				B	orth, TX 76	5102		
••					•			
Phone: 1 (405) 749-1300				Phone: 1 (817)	870-2800			
CA No.				Unit:		LITTLE C	ANYON	
	SEC	TWN	RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL
					NO		TYPE	STATUS
SEE ATTACHED LIST								
<b>OPERATOR CHANGES DOCUMENT</b>	ATI	ON						
Enter date after each listed item is completed								
1. (R649-8-10) Sundry or legal documentation wa	s rec	eived fi	rom the	FORMER ope	rator on:	8/6/2007		
2. (R649-8-10) Sundry or legal documentation wa	s rec	eived fi	rom the	NEW operator	on:	8/6/2007	_	
3. The new company was checked on the Departm	nent	of Con	nmerce	, Division of Co	orporations	Database on:	•	8/6/2007
4a. Is the new operator registered in the State of U	Itah:			Business Numb	er:	5655506-0143		
4b. If NO, the operator was contacted contacted o	n:			-				
5a. (R649-9-2)Waste Management Plan has been re		ed on:		IN PLACE				
5b. Inspections of LA PA state/fee well sites compl				n/a	•			
5c. Reports current for Production/Disposition & S				ok	•			
6. Federal and Indian Lease Wells: The BL			e RIA 1		mercer ro	me change		
or operator change for all wells listed on Federa				<del></del>	BLM	me change,	BIA	
7. Federal and Indian Units:	11 01 .	muian :	icases c	711.	BLW	-	DIA	-
	of	nit once	rator fo	r walle listed on				
The BLM or BIA has approved the successor 8. Federal and Indian Communization Agr		_			•		-	
_			•	•				
The BLM or BIA has approved the operator f 9. Underground Injection Control ("UIC"		i wells			wed IIIC F	orm 5, Transfer	of Autho	ority to
	-	innt fo					VI Audi	ority to
<b>Inject,</b> for the enhanced/secondary recovery un <b>DATA ENTRY:</b>	TN DLC	oject IO	ı me wa	aici uisposai wei	n(s) nsied 0	11.		-
				9/27/2007				
<ol> <li>Changes entered in the Oil and Gas Database</li> <li>Changes have been entered on the Monthly Op</li> </ol>		or Cha	ngo Sn		-	9/27/2007		
3. Bond information entered in RBDMS on:	er at	oi Cha	inge op	9/27/2007		7/2//2007	•	
4. Fee/State wells attached to bond in RBDMS on	:			9/27/2007	-			
5. Injection Projects to new operator in RBDMS of				9/27/2007	-			
6. Receipt of Acceptance of Drilling Procedures for		PD/Nev	w on:		9/27/2007	_		
BOND VERIFICATION:					,			
1. Federal well(s) covered by Bond Number:				UTB000138				
2. Indian well(s) covered by Bond Number:				n/a	_			
3a. (R649-3-1) The NEW operator of any state/fe	e we	ll(s) list	ted cov	ered by Bond No	umber	104312762		
3b. The <b>FORMER</b> operator has requested a release	e of l	liability	from t	heir bond on:	1/23/2008		•	
The Division sent response by letter on:								
LEASE INTEREST OWNER NOTIFIC	AT	ION:						
4. (R649-2-10) The <b>NEW</b> operator of the fee wells			ontacted	l and informed b	y a letter fro	om the Division		
of their responsibility to notify all interest owner								
COMMENTS:								

		STATE OF UTAH DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS AND MI		_	5 IEA	FORM 9  SE DESIGNATION AND SERIAL NUMBER:
		DIVISION OF OIL, GAS AND WIII	MIN		S. EEA	DE DESIGNATION AND SERIAL NUMBER:
	SUNDRY	NOTICES AND REPORTS	3 0	N WELLS	6. IF II	NDIAN, ALLOTTEE OR TRIBE NAME:
Do no	ot use this form for proposals to drill ne drill horizontal lat	ew wells, significantly deepen existing wells below cun terals. Use APPLICATION FOR PERMIT TO DRILL fi	rent be	ottom-hole depth, reenter plugged wells, or to or such proposals.	7. UNI	T or CA AGREEMENT NAME:
1. TY	PE OF WELL OIL WELL	GAS WELL 🗸 OTHER_				LL NAME and NUMBER: EE ATTACHED
2. NA	ME OF OPERATOR:	11 51 1				NUMBER:
	TO Energy Inc.	N2615				EE ATTACHED
3. ADI		ouston Street Fort Worth STATE TX ZIP	761	PHONE NUMBER: 02 (817) 870-2800	1	ELD AND POOL, OR WILDCAT: atural Buttes
4. LO	CATION OF WELL	TOTE TOTE TO MAKE TO M	701	02 1(0177070-2000	1	
FO	OTAGES AT SURFACE: SEE A	TTACHED			COUNT	ry: Uintah
QTI	R/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN:			STATE	:
					02	UTAH
11.	CHECK APPF	ROPRIATE BOXES TO INDICAT	ΕN	IATURE OF NOTICE, REPO	RT, O	R OTHER DATA
Ţ	YPE OF SUBMISSION			TYPE OF ACTION		
V	NOTICE OF INTENT	ACIDIZE		DEEPEN		REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING		FRACTURE TREAT		SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR		NEW CONSTRUCTION		TEMPORARILY ABANDON
		CHANGE TO PREVIOUS PLANS	V	OPERATOR CHANGE		TUBING REPAIR
		CHANGE TUBING		PLUG AND ABANDON		VENT OR FLARE
	SUBSEQUENT REPORT	CHANGE WELL NAME		PLUG BACK		WATER DISPOSAL
	(Submit Original Form Only)	CHANGE WELL STATUS		PRODUCTION (START/RESUME)		WATER SHUT-OFF
	Date of work completion:	COMMINGLE PRODUCING FORMATIONS		RECLAMATION OF WELL SITE		OTHER:
		CONVERT WELL TYPE		RECOMPLETE - DIFFERENT FORMATION		
12.	DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all p	ertine	ent details including dates, depths, volum	es. etc.	
		XTO Energy Inc. has purchased t				
!	Dominion Exploration & 14000 Quail Springs Pa Oklahoma City, OK 731	Production, Inc.  Arkway, Suite 600				
	James D. Abercrombie Sr. Vice President, Ger	neral Manager - Western Busines				
	under the terms and co	XTO Energy Inc. is considered to anditions of the lease for the oper ide BLM Bond #104312750 and l	atio	ns conducted upon the lease	lands	. Bond coverage
NAME	E (PLEASE PRINT) Edwin S. F	Ryan. Jr.		TITLE Sr. Vice Presider	nt - La	nd Administration
SIGN	ATURE ECLEVEN /	1. Fefor Il		DATE <u>7/31/2007</u>		
This sp	ace for State use only)	0.00.00				RECEIVED

 $\mathbf{V}$ 

Division of Oil, Gas and Mining

(See Instructions on Reverse Side) Earlene Russell, Engineering Technician

AUG 0 6 2007

DIV. OF OIL, GAS & MINING

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well	name:	SEE ATTACH	IED LIST			
API r	number:			·		
Loca	tion:	Qtr-Qtr:	Section	Township Range		
Com	pany that filed original application:	DOMINION E	&P			
Date	original permit was issued:					
Com	pany that permit was issued to:	DOMINION I	E&P			
Check		Desi	ired Action:			
one						· · · · · · · · · · · · · · · · · · ·
	Transfer pending (unapproved) App	olication for Pe	ermit to Drill to ne	ew operator		
	The undersigned as owner with legal submitted in the pending Application for owner of the application accepts and a	or Permit to Dril	l, remains valid ar	nd does not require revision. The	new	
✓	Transfer approved Application for F	Permit to Drill t	o new operator	·		
	The undersigned as owner with legal information as submitted in the previo revision.	rights to drill on usly approved a	the property as popplication to drill,	ermitted, hereby verifies that the remains valid and does not requi	re	
	owing is a checklist of some items re		olication, which	should be verified.	Yes	
	ated on private land, has the ownership	changed?	olication, which	should be verified.	Yes	
If loc	ated on private land, has the ownership  If so, has the surface agreement been	changed?			Yes	✓
If loca	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of	changed?			Yes	✓
Have requi	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of irements for this location? e there been any unit or other agreements sed well?	changed? updated? the proposed w	ell which would at	ffect the spacing or siting ne permitting or operation of this	Yes	✓
Have requi Have propo	ated on private land, has the ownership  If so, has the surface agreement been any wells been drilled in the vicinity of irements for this location?	changed? updated? the proposed w	ell which would at	ffect the spacing or siting ne permitting or operation of this	Yes	✓
Have propo	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of irements for this location? e there been any unit or other agreemen osed well? e there been any changes to the access osed location? the approved source of water for drilling	changed? the proposed w ts put in place t route including changed?	rell which would at that could affect th ownership or righ	ffect the spacing or siting ne permitting or operation of this nt-of-way, which could affect the	Yes	No.
Have proportion Have proportions that the plants	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of irements for this location? e there been any unit or other agreement osed well? e there been any changes to the access osed location? the approved source of water for drilling e there been any physical changes to the form what was discussed at the onsite	the proposed was route including changed? e surface location evaluation?	rell which would at that could affect the ownership or right on or access route	ffect the spacing or siting te permitting or operation of this t-of-way, which could affect the which will require a change in	Yes	✓ ✓ ✓
Have proportion Have proportions that the plants	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of irements for this location? e there been any unit or other agreemen osed well? e there been any changes to the access osed location? the approved source of water for drilling e there been any physical changes to the	the proposed was route including changed? e surface location evaluation?	rell which would at that could affect the ownership or right on or access route	ffect the spacing or siting te permitting or operation of this t-of-way, which could affect the which will require a change in	Yes	✓ ✓ ✓
Have proportion Have proportion Have proportion Have plans is bo	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of irements for this location? e there been any unit or other agreement osed well? e there been any changes to the access osed location? the approved source of water for drilling e there been any physical changes to the form what was discussed at the onsite	the proposed was route including changed? e surface location evaluation? oposed well? Be a pending or aport amended Ap	rell which would at the could affect the ownership or right on or access route and No. 1043127	ffect the spacing or siting te permitting or operation of this tt-of-way, which could affect the which will require a change in for Permit to Drill that is being t	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓
Have proportion Have proportion Has to Have plans is book and a should necession and the state of the state o	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of irements for this location? e there been any unit or other agreement osed well? e there been any changes to the access osed location? the approved source of water for drilling e there been any physical changes to the from what was discussed at the onsite anding still in place, which covers this pro- desired or necessary changes to either ld be filed on a Sundry Notice, Form 9, ssary supporting information as require	the proposed was route including changed? e surface location evaluation? oposed well? Be a pending or aport amended Ap	cell which would at the could affect the ownership or right on or access route and No. 1043127 oproved Application plication for Perm	ffect the spacing or siting the permitting or operation of this tt-of-way, which could affect the the which will require a change in the permit to Drill that is being the permit to Drill, Form 3, as appropriate,	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓
Have proportion Have proportion Has 1 Have plans is bo	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of irements for this location? e there been any unit or other agreement osed well? e there been any changes to the access osed location? the approved source of water for drilling e there been any physical changes to the from what was discussed at the onsite anding still in place, which covers this pre- desired or necessary changes to either ld be filed on a Sundry Notice, Form 9,	the proposed was route including changed? e surface location evaluation? oposed well? Be a pending or aport amended Ap	rell which would at the could affect the ownership or right on or access route and No. 1043127 oproved Application plication for Perm	ffect the spacing or siting te permitting or operation of this t-of-way, which could affect the which will require a change in for Permit to Drill that is being t it to Drill, Form 3, as appropriate,	✓	✓ ✓ ✓ ✓ ✓ ✓ ✓

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

AUG 3 0 2007

### N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304736892	LCU 5-9H		09	<del></del>		UTU-34350		Federal	GW	APD
4304736893	LCU 5-17H	SWNW	17			UTU-76265		Federal	GW	APD
4304736896	LCU 11-9H	NESW	09			UTU-76265		Federal	GW	APD
4304737059	LCU 2-17H	NWNE	17			UTU-76265		Federal	GW	APD
4304737285	LCU 11-17H	NESW	17			UTU-76265	1	Federal	OW	APD
4304737286	LCU 7-17H	SWNE	17			UTU-76265			OW	APD
4304737448	LCU 9-8H	NESE	08			UTU-76265			OW	APD
4304737653	LCU 14-9H	SESW	09			UTU-76265		Federal	GW	APD
4304737997	LCU 9-10H	NESE	10		-	UTU-44089		Federal	GW	APD
4304738069	LCU 8-35F	SENE	35		-	U-01470D		Federal	GW	APD
4304738070	LCU 12-35F	NWSW	35		1	U-01470D		Federal	GW	APD
4304738071	LCU 15-35F	SWSE	35			U-01470D		Federal	GW	APD
4304738072	LCU 16-35F	SESE	35		<del></del>	U-01470D		Federal	GW	APD
4304738073	LCU 1-1H	NENE	01			UTU-76264		Federal	GW	APD
4304738074	LCU 9-9H	NWSE	09		1	UTU-76265		Federal	GW	APD
4304738093	LCU 9-1H	NESE	01			UTU-73436	<u> </u>	Federal	GW	APD
4304738094	LCU 6-1H	SENW	01			UTU-76264		Federal	GW	APD
4304738095	LCU 4-1H	NWNW	01	110S	200E	UTU-76264		Federal	GW	APD
4304738096	LCU 3-1H	NENW	01	110S	200E	UTU-76264		Federal	GW	APD
4304738097	LCU 15-1H	SWSE	01	110S	200E	UTU-73436		Federal	GW	APD
4304738098	LCU 10-1H	NWSE	01			UTU-73436		Federal	GW	APD
4304738183	LCU 6-35F	SENW	35	100S	200E	U-01470C	"	Federal	GW	APD
4304738184	LCU 8-9H	NWSE	09	110S	200E	UTU-34350		Federal	GW	APD
4304738185	LCU 8-1H	SENE	01	110S	200E	UTU-76264		Federal	GW	APD
4304738296	LCU 3-17H	NENW	17	110S	200E	UTU-76265		Federal	GW	APD
4304738297	LCU 12-17H	NWSW	17	110S	200E	UTU-76265		Federal	GW	APD
4304738298	LCU 13-17H	SWSW	17	110S	200E	UTU-76265		Federal	GW	APD
4304738379	LCU 2-3H	NWNE	03	110S	200E	UTU-44090-A		Federal	GW	NEW
4304738419	LCU 16-10H	SESE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738420	LCU 5-11H	SWNW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738421	LCU 10-11H	NWSE	11	110S	200E	UTU-73436		Federal	GW	APD
4304738422	LCU 13-11H	SWSW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738423	LCU 15-11H	SWSE	11			UTU-73436		Federal		APD
4304738424	LCU 16-11H	SESE	11	110S	200E	UTU-73436		Federal	<del></del>	
4304738503	LCU 4-12H	NENW	12			UTU-73436		Federal		
4304738504	LCU 5-12H	NENW	12		<del></del>	UTU-73436		Federal		
4304738505	LCU 6-12H	NENW	12		1	UTU-73436		Federal		
4304738676	LCU 12-9H	NWSW	09			UTU-76265		Federal	+	APD
4304738677	LCU 6-9H	SENW	09			UTU-34350		Federal		
4304738678	LCU 4-11H	NWNW	11			UTU-73436		Federal		
4304738679	LCU 9-12H	NESE	12		-	UTU-73436		Federal		APD
4304738682	LCU 14-6G	SESW	06			UTU-81728		Federal		
4304738683	LCU 13-6G	SWSW	06			UTU-81728		Federal		
4304738684	LCU 10-6G	NWSE	06	_1		UTU-81728		Federal		
4304738685	LCU 5-6G	SWNW	06			UTU-75700		Federal		
4304738686	LCU 4-6G	NWNW	06			UTU-75700		Federal		
4304738687	LCU 7-6G	SWNE	06			UTU-075700		Federal		
4304738688	LCU 3-6G	NENW	06	110S	210E	E UTU-075700		Federal	GW	APD

1 09/27/2007

### N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304738784	LCU 11-35F	NESW	35			UTU-82703		Federal	GW	APD
4304738788	LCU 6-10H	SENW	10	110S	200E	UTU-44089	1	Federal	GW	APD
4304738789	LCU 13-10H	SWSW	10	110S	200E	UTU-44089	1	Federal	GW	APD
4304738790	LCU 11-11H	SESW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738791	LCU 3-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738892	LCU 7-10H	SWNE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738893	LCU 1-12H	NENE	12	110S	200E	UTU-73436	·	Federal	GW	APD
4304738946	LCU 13-1H	NWSW	01	110S	200E	UTU-73436		Federal	GW	APD
4304738947	LCU 16-12H	SESE	12	110S	200E	UTU-73436		Federal	GW	APD
4304739050	LCU 15-4H	SWSE	04	110S	200E	UTU-81430		Federal	GW	APD
4304739158	LCU 15-3H	SWSE	03	110S	200E	UTU-34350		Federal	GW	APD
4304739159	LCU 5-3H	NENE	04	110S	200E	UTU-44090-A		Federal	GW	APD
4304739160	LCU 4-3H	NENE	04	110S	200E	UTU-44090-A		Federal	GW	APD
4304739161	LCU 8-8H	SENE	08	110S	200E	UTU-81430		Federal	GW	APD
4304739220	LCU 9-35F	NESE	35	100S	200E	UTU-82703		Federal	GW	APD
4304739221	LCU 7-35F	SWNE	35	100S	200E	UTU-82703		Federal	GW	APD
4304739224	LCU 14-10H	SESW	10	110S	200E	UTU-44089		Federal	GW	APD
4304739225	LCU 3-10H	NENW	10	110S	200E	UTU-44089		Federal	GW	APD
4304736773	LCU 6-16H	SENW	16	110S	200E	ML-48772		State	GW	APD
4304736808	LCU 13-12H	SWSW	12		200E			Fee	GW	APD
4304736809	LCU 12-16H	NWSW	16	110S	200E	ML-48772		State	GW	APD
4304738027	LCU 1-2H	NENE	02			ML-48771		State	GW	APD
4304738255	LCU 6-2H	SENW	02			ML-48771		State	GW	APD
4304738272	LCU 3-2H	SENW	02			ML-48771		State	GW	APD
4304738343	LCU 14-2H	SESW				ML-48771		State	GW	APD
4304738675	LCU 16-2H	NWSW	01			ML-48771		State	GW	APD
4304738680	LCU 10-16H	NWSE	16			ML-48772		State	GW	APD
4304738681	LCU 14-16H	SESW	16			ML-48772		State	GW	APD
4304738785	LCU 5-36F	SWNW	36			ML-47391		State	GW	APD
4304739173	LCU 13-16H	SWSW	16			ML-48772		State	GW	APD
4304739174	LCU 11-16H	NESW	16			ML-48772		State	GW	APD
4304739223	LCU 4-16H	NWNW	16	110S	200E	ML-48772		State	GW	APD

2 09/27/2007



### United States Department of the Interior

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



IN REPLY REFER TO 3180 UT-922

Dominion Exploration & Production, Inc. Attn: James D. Abercrombie 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600

August 10, 2007

Re:

Little Canyon Unit Uintah County, Utah

#### Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Little Canyon Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Little Canyon Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely.

/s/ Greg J. Noble

Greg J. Noble Acting Chief, Branch of Fluid Minerals

**Enclosure** 

RECEIVED AUG 1 6 2007

DIV. OF OIL, GAS & MINING

### DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Co	mpany:	XTO ENER	GY INC		
Well Name:		LCU 6-12H			
Api No:	43-047-3850	)5	Lease Type:_	FEDERAL	
Section 12	Township	11S Range_	20E Coun	ty <u>UINTAH</u>	
Drilling Con	ntractor	BILL JR'S		RIG # <b>6</b>	
SPUDDE	D:				
	Date	11/07/07			
	Time	5:00 AM			
	How	DRY	<u> </u>		
Drilling wi	ill Commenc	e:			
Reported by		RICK OMAN			
Telephone #		(435) 828-145	6		
Date	11/07/07	Signed_	CHD		

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		ENTITY ACTIO	N FORM	
Operator:	XTO ENERGY INC.		Operator Account Number:	2615
Address:	382 CR 3100		Operator Account Number.	N
	city AZTEC			
	state NM	zip 87410	Phone Number	(505) 333-3100

Well 1

Twp Rng County 11S 20E UINTAH ate Entity Assignment
ate Entity Assignmen
Effective Date
07 11/29 /00
07

Well 2

API Number			QQ	Sec	Twp	Rng	County
4304738582			NWNE	10	108	19E	UINTAH
Action Code	Current Entity Number			te	Entity Assignment Effective Date		
A	99999	7050	11/11/2007		11/2	39/07	
Comments: Ty	IVRD=WSm		IENE	· · · · · · · · · · · · · · · · · · ·		170	

Well 3

API Number	Well	QQ	QQ Sec Twp		Rng County		
4304738583	RBU 18-10E	NWNE		10	108	19E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Enti	Entity Assignment Effective Date	
Α	99999	7050	11/10/2007			11/	39/07
Comments: 7	nvRD=ws7	IVDBHL=	JENE	5			

### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

**RECEIVED** 

NOV 2 7 2007

HOLAY C. PERKINS

Signature ()
Regulatory Compliance Tech
Title

11/27/2007

Date

(5/2000)

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES	FORM 9
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERAL NUMBER: UTU-73436
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME LITTLE CANYON UNIT
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: LCU 6-12H
2. NAME OF OPERATOR XTO ENERGY INC.	9. API NUMBER: 4304738505
3 ADDRESS OF OPERATOR: 382 CR 3100 OTY AZTEC STATE NM 219 87410 PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WLDCAT: NATURAL BUTTES
4. LOCATION OF WELL	- LINITAL
FOOTAGES AT SURFACE: 985' FNL & 1503' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 12 11S 20E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: SPUD
11/11/2007 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volum XTO Energy Inc. spudded 17-1/2" hole on 11/7/2007. Drilled to 560' and set 14 joints 13-3/ with 500 sx Premium Cement.  Drilling ahead	
NAME (PLEASE PRINT) HOLLYC. PERKING () ( TITLE REGULATORY (	COMPLIANCE TECH
11/27/2007	
SIGNATURE DATE 11/27/2007	

(This space for State use only)

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DEC 0 3 2007

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STATE OF UTAH	FORM 9		
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4. LOCATION OF WELL	and the composition of the compo		
FOOTAGES AT SURFACE: 985' FNL & 1503' FWL	COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 12 11S 20E S	STATE: UTAH		
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TYPE OF SUBMISSION TYPE OF ACTION			
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION		
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL		
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON		
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR		
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE		
SUBSEQUENT REPORT (Submit Original Form Only)  CHANGE WELL NAME PLUG BACK	WATER DISPOSAL		
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF		
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: MONTHLY		
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	REPORTING		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, v olumn	es, etc.		
Attached is XTO Energy's monthly report for the period of 10/05/2007 to 01/10/2008.			
	•		
NAME (PLEASEPRINT) DOLENA JOHNSON TITLE OFFICE CLERK			

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JAN 18 2008

DATE 1/15/2008

### Farmington Well Workover Report

LITTLE CAN	NYON UNIT	Well # 006-12H			
Objective:	Drill & Complete				
First Report:	10/11/2007				
AFE:	715332				
10/11/07	First rpt for AFE # 715332 to D&C. MIRU Jackson Const. Std const. acc road on 9/21/07. STD loc on 9/21/07. RDMO Jackson Const 10/10/07. Lined pit w/16 mil lnr 10/21/07. Susp rpts pending further activity. Note: pad well w/LCU 4-12H & 5-12H.				
11/2/07	MI equip. Std measuring pipeline. SDFN.				
11/3/07	Std x-ray 17-4" welds. MI 30 joints of 4" S40 FB welded steel pipe. Std welding tie-in to loc. SDFWE.				
11/14/07	Compl pigging & capped 4" .188 X 42 steel gas pipe. SDWO well to be drilled sched for week of 12/17/07.				
12/28/07	SDWO well to be drilled sched for week of 12/	/31/07.			

UINTAH

LCU 6-12H

NENW, Sec 12, T11S, R20E LOCATION:

CONTRACTOR: Bill Jrs, 6

WI %:

AFE#:

715332 API#: 43047385050000

DATE FIRST RPT: 11/8/2007

DATE:

11/8/2007

OPERATION: Set Surface Ready To Run Gyro. DFS: 0.94

Footage Made:

Measured Depth:

NW: WOB: DMC:

TIME DIST:

VISC: RPM:

CMC:

DWC:

143,261.00

CWC: 143,261.00

(1.50) MIRU Bill Jr #6 Rig.. (12.50) Drilled 560'.. (1.00) Circulate.. (1.00) TOOH LD Pipe.. (3.00) PU & Run 531' Of 13 3/8"

Surface Casing. (5.00) Cement Surface Casing To Surface. RDMO Bill Jr #6 Rig..

DWC:

. 17:1 360' (1.00) Circulate reliaj To Surface TOTO

565 1.00) Charles Hung To Surraics 3-1

STATE OF UTAH FORM 9 DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. LITTLE CANYON UNIT 8. WELL NAME and NUMBER: 1 TYPE OF WELL OIL WELL GAS WELL 🔽 OTHER LCU 6-12H 2. NAME OF OPERATOR: 9. API NUMBER: 4304738505 XTO ENERGY INC 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT: CITY AZTEC STATE NM **UNDESIGNATED** 71P 87410 (505) 333-3100 382 CR 3100 4. LOCATION OF WELL COUNTY: UINTAH FOOTAGES AT SURFACE: 985' FNL & 1503' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 12 11S 20E S STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL (Submit in Duplicate) ALTER CASING TEMPORARILY ABANDON Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR PLUG AND ABANDON VENT OR FLARE CHANGE TUBING SUBSEQUENT REPORT WATER DISPOSAL CHANGE WELL NAME PLUG BACK (Submit Original Form Only) WATER SHUT-OFF CHANGE WELL STATUS PRODUCTION (START/RESUME) Date of work completion: OTHER: JAN-FEB'08 RECLAMATION OF WELL SITE COMMINGLE PRODUCING FORMATIONS 2/29/2008 MONTHLY RRT RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. There was nothing to report on this well for the month of January 2008. Attached is XTO Energy's monthly report for the period of 02/01/2008 through 02/29/2008.

The state of the s		
NAME (PLEASE PRINT)_ DOLENA JOHNSON	TITLE OFFICE CLERK	
SIGNATURE DOLONG (ph. soc)	DATE 3/1/2008	

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**UINTAH** 

LCU 6-12H

**LOCATION:** CONTRACTOR:

T11S, R20E, Sec 12, NENW Frontier Drilling, 2

WI %:

AFE#:

715332

ΔPI#· 43047385050000 **DATE FIRST RPT: 11/8/2007** 

DATE: OPERATION:

2/1/2008 DRLG

DFS:

85 94

8.5

2/2/2008

VISC:

Footage Made: 31

669

Measured Depth: 1,200

MW: WOB:

35

RPM:

DWC:

98.454.00

CWC:

301,615.00

DMC:

CMC:

TIME DIST:

(2.00) THAW OUT STAND PIPE. (1.00) DRLG CMT, FLT & SHOE. (4.50) DIREC DRLG TO 694. (5.00) TOOH CHG BIT

AND MWD TIH. (11.50) DIREC DRLG TO 1200.

DATE: OPERATION:

DRLG DES:

8.5

86 94 VISC:

887 Footage Made: 35

Measured Depth: 2,087

MW: WOB:

35

RPM:

DWC:

43,835.00

345,450.00

TIME DIST:

DMC: CMC:

CWC: (2.00) DIREC DRLG TO 1296. (1.00) MUD AIRED UP. (2.00) DIREC DRLG TO 1391. (4.00) REPAIR MUD PUMP LINER

GASKET. (0.50) DIREC DRLG TO 1421. (0.50) #2 PUMP. (14.00) DIREC DRLG TO 2087.

DATE: OPERATION:

2/3/2008 DRLG

DFS: 87.94

8.7

Footage Made: VISC:

984

34

0

WOB:

45

CMC:

0 RPM:

DWC:

43,950.00

389,400.00

DMC: TIME DIST: (8.50) DIREC DRLG TO 2436. (0.50) RIG SERVICE. (15.00) DIREC DRLG TO 3071.

DATE:

MW:

2/4/2008

OPERATION: DRLG 88.94 DFS:

8.8

Footage Made: VISC:

529 0

Measured Depth: 3,600

Measured Depth: 3,071

MW:

WOB: 45

DMC:

RPM:

CMC:

DWC:

CWC:

CWC:

43,950.00 433 350 00 (8.00) DIREC DRLG TO 3325. (1.00) RIG SERVICE. (8.50) DIREC DRLG TO 3600. (1.00) CIRC. (4.00) TOOH F/ CSG.

TIME DIST: (1.50) RU CSG CREW.

DATE:

2/5/2008

OPERATION: DFS:

DRLG 89.94

Footage Made:

Measured Depth: 3,600

MW:

WOB: DMC:

VISC:

RPM:

CMC:

DWC:

184,263.34

CWC:

617.613.34

(0.50) X-THREAD CSG FLT COLLAR, ORDER WELDER. (2.00) WELD FLT SHOE ONTO CSG. (4.00) RUN CSG. (1.50) CIRC RD CSG, RU CEMENTERS. (3.50) CEMENT INTER CSG. (8.50) ND DIVERTER, NU BOPE. (4.00) TEST BOPE.

DATE:

TIME DIST:

2/6/2008 DRLG

**OPERATION:** 90.94

Footage Made:

1,246 Measured Depth: 4,846

DFS: MW: WOB:

8.5

VISC:

26 55

RPM:

DWC:

44,891.00

CWC:

662.504.34

DMC: TIME DIST: CMC:

(3.50) TEST BOPE. (4.00) PU BHA AND TIH. (1.50) DRLG CMT. (0.50) DRLG TO 3642. (0.50) FIT AND SURVEY @ 1.2

DATE:

2/7/2008

OPERATION:

DRLG 91.94

Footage Made:

1,461

DEG. (5.50) DRLG TO 4118. (0.50) SURVEY 1.2 DEG. (8.00) DRLG TO 4846.

Measured Depth: 6,307

DFS: MW: WOB:

8.9 20

VISC: RPM:

26 55 DMC:

CMC:

DWC:

38,219.00

CWC:

700 723 34

(1.50) DRLG TO 4974. (1.00) CIRC GAS KICK OUT, IGNITER NOT WORKING, USED BUCKET FOR FLARE, 30 FLARE, NO TIME DIST: SHUT IN. (2.50) DRLG TO 5132. (0.50) SURVEY .88 DEG AND RIG SERVICE, NO FLOW. (15.00) DRLG TO 6148. (0.50)

SURVEY @ 6068, 1.57 DEG. (3.00) DRLG TO 6307.

DATE.

DFS:

DMC:

2/8/2008

**OPERATION:** DRLG

92.94

Footage Made: 9.2

VISC:

1,205 Measured Depth: 7,512

MW. WOB:

20

RPM: CMC:

55

28

DWC:

38,655.00

CWC:

739,378.34

TIME DIST:

(4.50) DRLG TO 6602. (0.50) WORK ON PUMP MOTOR. (2.00) DRLG TO 6751. (0.50) RIG SERVICE. (9.50) DRLG TO 7163. (0.50) SURVEY @ 7163 1.44 DEG. (6.50) DRLG TO 7512.

2/9/2008 DATE: OPERATION: DRLG

DFS:

93.94

Footage Made: VISC:

1,063 32

Measured Depth: 8,575

MW: WOB: 9.5 25

RPM:

55

DWC:

36,520.00

CWC:

775,898.34

TIME DIST:

DMC: CMC:

(10.00) DRLG TO 8050. (0.50) RIG SERVICE. (5.50) DRLG TO 8272. (1.00) SURVEY @ 8191 1.79 DEG. (7.00) DRLG TO

2/10/2008 DATE: OPERATION: DRLG

DFS:

94.94 9.7

Footage Made: VISC:

355

38

25

2/11/2008 DRLG

RPM:

55

DWC:

53.970.00

CWC: 829 868 34

WOB: DMC: TIME DIST:

MW:

CMC:

(1.00) DRLG TO 8622. (0.50) RIG SERVICE. (6.00) DRLG TO 8796. (6.50) TOOH, CHG BIT TIH TO SHOE. (1.50) CUT

Measured Depth: 9,425

Measured Depth: 9,650

Measured Depth: 8,930

DRLG LINE. (3.00) TIH. (5.50) DRLG TO 8930.

DATE: OPERATION:

DES:

95.94

Footage Made: 495

VISC: 41

MW: 9.8

WOB: 25 DMC:

RPM: CMC: 55

DWC: 37,065.00 CWC:

866.933.34

TIME DIST: (10.00) DRLG TO 9151. (0.50) RIG SERVICE. (1.50) DRLG TO 9182. (12.00) DRLG TO 9425.

DATE:

2/12/2008

OPERATION:

DFS:

Log w/Schlumberger 96.94

9.9

225 Footage Made:

38 55

38

VISC:

WOB: DMC: TIME DIST:

MW:

25

RPM:

CMC:

DWC:

33,911.00

CWC:

900.844.34

(8.00) Drlg f/ 9425' to 9594'.. (0.50) Rig Service.. (2.50) Drlg f/ 9594' to 9650'. (1.00) Check for pressure losses, Pump sweep

and pdry job.. (5.50) Trip out for logs. Pin and box washed out on 16th std. Lay down mud motor.. (6.50) Log w/ Schlumberger,

Loggers TD 9650' ..

DATE:

2/13/2008

**OPERATION:** 

Wash csg to botttom

Footage Made: 0 Measured Depth: 9,650

DFS: MW: WOB: 97.94 10

VISC: RPM.

CMC:

DWC:

64.596.00

CWC:

965,440.34

DMC: (2.00) Log w/ Schlumberger., (5.00) Trip in hole to lay doen drill pipe., (1.00) Circ, Safety meeting w/ lay down crew., (6.50) TIME DIST:

Lay down drill pipe and BHA, Pull wear ring.. (9.50) Run 214 jts 5 1/2", 17#, N-80 Csg. Wash 30' to bottom. Total 9618.40, set @ 9633 KB..

98.94

DATE: 2/14/2008

OPERATION: Rig down.

Footage Made: 0 Measured Depth: 9,650

DFS: MW:

WOB: DMC:

RPM: CMC:

VISC:

DWC:

235,244.00

CWC:

1,200,684.34

TIME DIST:

(3.50) Circ and wait on Cmters.. (3.00) Cmt w/ 5 bbl fresh, 20 bbl mud flush, 10 bbl kcl, 36 bbl lead, 280 bbl tail, 225 bbl kcl displacement. Plug down @ 11:51,2-13-08.. (3.50) Nipple down, set slips and cut off. Set 156k on slips.Rig released @ 16:00, 2-13-08..

### STATE OF UTAH

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DIVISION OF OIL, G			5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436
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2. NAME OF OPERATOR:	· · ·		9. API NUMBER:
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	TATE NM ZIP 87410	PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 985' FNL & 1503' FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW	12 11S 20E S		STATE: UTAH
11. CHECK APPROPRIATE BOXES	TO INDICATE NATURE	OF NOTICE, REPO	RT, OR OTHER DATA
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(Submit in Duplicate) ALTER CASING	FRACTUR	TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR	☐ NEW CON	STRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS	PLANS OPERATO	R CHANGE	TUBING REPAIR
CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME	PLUG BAC	К	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATU:	s PRODUCT	ON (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCI	NG FORMATIONS RECLAMA	TION OF WELL SITE	OTHER: MARCH MONTHLY
3/31/2008 CONVERT WELL TYPE	RECOMPL	ETE - DIFFERENT FORMATION	REPORT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.  XTO Energy has nothing to report on this well			∍s, etc.
NAME (PLEASE PRINT) DOLENA JOHNSON		OFFICE CLERK	
SIGNATURE Dolar Clamber	<b>)</b> DA	4/3/2008	
(This enges for State use only)			r peceived

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APR 0 9 2008

FORM 9

STATE OF UTAH

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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 12 11S 20E S	STATE: UTAH
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Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: APRIL MONTHLY
4/30/2008 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FO	REPORT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, dept Attached is XTO Energy's monthly repor for this period of 04/01/2008 thru 04/30/200	
NAME (PLEASE PRINT) JENNIFER HEMBRY TITLE FILE CLE	RK
SIGNATURE LEMBY DATE 5/2/2008	
(This space for State use only)	RECEIVED

DIV. OF OIL, GAS & MINING

MAY 0 8 2008

### Farmington Well Workover Report

LITTLE C.	ANYON UNIT	Well # 006-12H	MV
Objective:	Drill & Complete		
First Report:	10/11/2007		
AFE:	715332		
4/15/08		Log indic TOC @ 900'. POH	. RIH w/GR/CCL/CBL logging tls. Tgd @ 9,566'. Run I & LD logging tls. RU pmp trk. PT csg & frac vlv to l further activity.
4/22/08	across btm perf intv fr/ 9,288'- 9,377'. PC chrgs, 120 deg phasing, 0.35" EHD, 34.2	DH & LD blr. RIH w/3-3/8"  4" pene. Perf stage #1 MV i	MIRU WLU. RIH w/dump blr & spotd 15% HCl csg gun loaded w/Owen SDP-3125-411NT4, 21 gm ntvs fr/9,288'- 9,292', 9,351'- 9,359' & 9,373'-9,377' & EIR of 1/4 BPM @ 3100 psig w/5 BW. RDMO WLU

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
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Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged with drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	elis, or to LITTLE CANYON UNIT
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: LCU 6-12H
2. NAME OF OPERATOR:	9. API NUMBER:
XTO ENERGY INC.  3. ADDRESS OF OPERATOR: IPHONE NUMBER:	4304738505 10. FIELD AND POOL, OR WILDCAT:
382 CR 3100 CITY AZTEC STATE NM ZIP 87410 (505) 333-3	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 985' FNL & 1503' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 12 11S 20E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	N
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: APRIL MONTHLY
4/30/2008 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FO	REPORT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, dept Attached is XTO Energy's monthly repor for this period of 04/01/2008 thru 04/30/200	
NAME (PLEASE PRINT) JENNIFER HEMBRY TITLE FILE CLE	RK
SIGNATURE LEMBY DATE 5/2/2008	
(This space for State use only)	RECEIVED

DIV. OF OIL, GAS & MINING

MAY 0 8 2008

### Farmington Well Workover Report

LITTLE C.	ANYON UNIT	Well # 006-12H	MV
Objective:	Drill & Complete		
First Report:	10/11/2007		
AFE:	715332		
4/15/08		Log indic TOC @ 900'. POH	. RIH w/GR/CCL/CBL logging tls. Tgd @ 9,566'. Run I & LD logging tls. RU pmp trk. PT csg & frac vlv to l further activity.
4/22/08	across btm perf intv fr/ 9,288'- 9,377'. PC chrgs, 120 deg phasing, 0.35" EHD, 34.2	DH & LD blr. RIH w/3-3/8"  4" pene. Perf stage #1 MV i	MIRU WLU. RIH w/dump blr & spotd 15% HCl csg gun loaded w/Owen SDP-3125-411NT4, 21 gm ntvs fr/9,288'- 9,292', 9,351'- 9,359' & 9,373'-9,377' & EIR of 1/4 BPM @ 3100 psig w/5 BW. RDMO WLU



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

	Expires July .	51
5.	Lease Serial No.	

FITI-73436								
	_	2	А	3	7	т_	7	F

6. If Indian, Allottee or Tribe Name

abandoned well. Use Form	i 3160-3 (APD) foi	r such proposals.			
SUBMIT IN TRIPLICAT	7. If Unit or CA/Agreement, Name and/or				
1. Type of Well				IIIIII CAN	
Oil Well 🗶 Gas Well Other				8. Well Name as	nd No.
2. Name of Operator				LCU 6-12H	
XTO Energy Inc.				9. API Well No	
3a. Address  382 CR 3100 Aztec, NM 87410		3b. Phone No. (include area co	ode)	43-047-3850	
4. Location of Well (Footage, Sec., T., R., M., or Survey D	escription)	505-333-3100		UNDESIGNATI	ool, or Exploratory Area
985' FNL & 1503' FWL NENW SEC 12-	T11S-R20E S				
				11. County or 1	Parish, State
				UINTAH	UTAH
12. CHECK APPROPRIATE	BOX(ES) TO INI	DICATE NATURE OF NOT	ICE, REPO	RT, OR OTHE	R DATA
TYPE OF SUBMISSION		ТҮРЕ (	OF ACTION		
Notice of Intent	Acidize	Deepen	Production	(Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	Reclamation	, [	Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		X Other MAY 2008
Final About Assessed Nation	Change Plans	Plug and Abandon	Temporarily		MONTHLY REPORTING
Final Abandonment Notice	Convert to Injection		Water Dispo	•	MANITHUS REPORTING
Describe Proposed or Completed Operation (clearly)					
Attached is XTO Energy's monthly r	report for the p	period of 05/01/2008		· RECE	IVED 6 2008 GAS & MINING
14. I hereby certify that the foregoing is true and correct			<del> </del>		
Name (Printed/Typed)  JENNIFER M. HEMBRY		Title FILE CLER	ek.		
Signature Sennifer M. Her	nbry	Date 06/03/2008			
U THIS	SPACE OR FED	ERAL OR STATE OFFIC	E USE		
Approved by	<del></del>	Title		Dat	e
Conditions of approval, if any, are attached. Approval of this notic the applicant holds legal or equitable title to those rights in the subjentitle the applicant to conduct operations thereon.		fy that Office		I	
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, m	nakes it a crime for any per	son knowingly and willfully to make t	to any departmen	nt or agency of the U	Jnited States any false,

DOGU COPY

fictitious or fraudulent statements or representations as to any matter within its jurisdiction

### Farmington Well Workover Report

LITTLE CANYON UNIT Well # 006-12H MV

Objective:

Drill & Complete

First Report:

10/11/2007

AFE:

715332

5/2/08

MIRU HES & Casedhole Solutions. Held safety mtg & PT all surface lines to 8,000 psig, held gd. W/MV stg #1 perforated w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs, fr/9,288' - 9,292', 9,351' - 9,359', 9,373' - 9,377', w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 51 holes). BD MV stg #1 perfs w/2% KCL wtr & EIR. A. MV perfs fr/9,288' -9,377' w/1,000 gals of 7-1/2% NEFE HCl ac & 76 Bio-BS @ 12 BPM dwn 5-1/2" csg. ISIP 2,907 psig, 5" SIP 2,787 psig, 10" SIP 2,755 psig, surge balls off perfs, SD 20". Fracd MV stg #1 perfs fr/9,288' - 9,377', dwn 5-1/2" csg w/34,295 gals wtr, 70Q CO2 foam fld (Pure Gel 3), 2% KCl wtr carrying 81,200 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 3,050 psig, 5" SIP 2,856 psig. Used 105 tons of CO2, 817 BLWTR (stg 1). RIH & set 10K CBP @ 9,240'. PT plg to 6,000 psig, gd tst. RIH w/ 3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf MV stage #2 intv fr/9,104' - 9,114', w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 31 holes). POH & LD perf guns. Spearheaded 1000 gals of 7-1/2% HCL ac & Fracd MV stg #2 perfs fr/9,104' - 9,114', dwn 5-1/2" csg w/19,585 gals wtr, 70Q CO2 foam fld (Pure Gel 3), 2% KCl wtr carrying 35,200 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP N/A psig, 5" SIP N/A psig, used 49 tons of CO2, 466 BLWTR. Job screened out leaving 611 pounds of sd in the well bore, approx 50'. RIH tgd sd @ 9,005', tstd sd plug to 5,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf MV stage #3 intv fr/8,885' - 8,889', 8,910' - 8,914', 8,952' - 8,958' & 8,987' - 8,989' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 52 holes). POH & LD perf guns. Unable to BD perfs, RIH w/dump blr, tgd sd @ 8,984' & dumped 15 gals of 7-1/2% HCL ac @ 8,954'. POH LD blr. Unable to BD perfs. RIH w/another blr, tgd sd @ 8,984' & dumped 15 gals of addl 7-1/2% HCL ac @ 8,952'. BD MV stg #3 perfs w/2% KCL wtr & EIR. A. MV perfs fr/8,885' - 8,989' w/1,000 gals of 7-1/2% NEFE HCL ac & 76 Bio-BS @ 12 BPM dwn 5-1/2" csg. ISIP 3,091 psig, 5" SIP 2,810 psig, 10" SIP 2,782 psig, surge balls off perfs, SD 20". Frac'd MV stg #3 perfs fr/8,885' - 8,989', dwn 5-1/2" csg w/30,646 gals wtr, 70Q CO2 foam fld (Pure Gel 3), 2% KCl wtr carrying 66,000 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP N/A psig, 5" SIP N/A psig, used 111 tons of CO2, 730 BLWTR. Job screened out w/11,500 lbs of sd in the well bore, and 54,500 lbs of sd in formation. SWI & SDF 3 hrs. 2013 BLWTR ttl. Opn well to the pit tk on a 24/64" ck in an att to flow the sd out of the well bore. FCP 4500 psig. F. 0 BO, 130 BLW, 6 hrs, FCP 4500 -1500 psig, 24/64" ck. Rets of sd, gas, wtr. 1883 BLWTR.

-		
L	7000	
1	$\iota \cup w$	

Zone:

MV

Event Desc:	Flow Back			Top Int	erval: 8,885	<b>Bottom Interval:</b>	8,989
		Avg C	hoke	BBLS			
<u>Time</u>	]	<u>Press</u>	<u>Size</u>	Rec	<b>Comments</b>		
11:00:00 P	M 4	1,500	24	0	Hvy sd, wtr, gas.		
12:00:00 A	M 3	3,800	24	32	Ly sd, wtr, gas.		
1:00:00 Al	M 3	3,200	24	28	Ly sd, wtr, gas.		
2:00:00 AM	M 2	2,800	24	20	Ly sd, wtr, gas.		
3:00:00 Al	M 2	2,000	24	18	Ly sd, wtr, gas.		
4:00:00 AM	M 1	1,800	24	18	Ly sd, wtr, gas.		
5:00:00 AM	M 1	1,500	24	14	Ly sd, wtr, gas.		
			Ttl Bbls:	130			

5/3/08

FCP 1500 psig on a 24/64" ck. SWI, 30". Held safety mtg. RIH w/dummy 3-3/8" perf gun & found well bore to be cln of sd fill. POH & LD perf gun. RIH & set 10K CBP @ 8,840'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf MV stage #4 intv fr/8,746' - 8,756' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 31 holes). POH & LD perf guns. Unable to BD perfs, RIH w/dump blr & 15 gals of 7-1/2% HCL ac. Att to spot ac over perfs fr/8746' - 8,756', tgd sd @ 8748', spotd ac @ 8,746'. POH LD blr. Unable to BD perfs, RIH w/2nd dump blr & 15 gals of 7-1/2% HCL ac. Att to spot ac over perfs fr/8746' - 8,756', tgd sd @ 8,729'. Spotd ac @ 8,729'. POH & LD blr. Prep to CO w/CTU. SWI & SDFN. 1883 BLWTR.

5/4/08

SICP 1800 psig. MIRU CTU. PT CT & surf equip to 5000 psig. RIH w/jet nozzle & 2" CT. Tgd sd @ 8729'. Estb circion w/2% KCl wtr. CO sd to CBP @ 8840'. Circ cln. PUH w/EOT @ 8800', spotd 1000 gals of 7.5% HCl ac over MV perf intv fr/8746' - 8756'. POH w/CT. SWI & RDMO CTU. 1883 BLWTR.

5/6/08

SICP 100 psig. W/HES & Casedhole Solutions WL RU. Held safety mtg & PT all surf lines to 8,000 psig, held gd. W/MV stg #4 perforated w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs, fr/8,746' - 8,756', w/3 JSPF (120 deg

phasing, 0.41" EHD, 45.16" pene., 31 holes) & 1000 gals of 7-1/2% HCL ac spotd over perfs fr/8,746' - 8,756. RIH w/8' perf gun, tgd sd @ 8739'. POH & LD perf gun. BD MV stg #4 perfs w/2% KCL wtr & EIR. Fracd MV stg #4 perfs fr/8,746' - 8,756', dwn 5-1/2" csg w/21,543 gals wtr, 70Q CO2 foam fld (Pure Gel 3), 2% KCl wtr carrying 34,300 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,185 psig, 5" SIP 2,935 psig, used 62 tons of CO2, 513 BLWTR (stg 4). RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf MV stage #5 intv fr/7,768' - 7,774', 7,846' - 7,852' & 7,868' - 7,874' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 57 holes). POH & LD perf guns. SWI & SDFN. 2396 BLWTR. Prep to MIRU N2 equip.

5/9/08

W/HES RU. Held safety mtg & PT all surf lines to 7,500 psig, held gd. W/MV stg #8 perfd w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs, fr/7,310' - 7,320' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 31 holes). BD MV stg #8 perfs w/2% KCL wtr & EIR. Spearheaded 750 gals of 7-1/2% HCL ac & Fracd MV perfs fr/7,310' - 7,320', dwn 5-1/2" csg w/17,935 gals wtr, 70Q Delta-R foamed frac fld, 16.5# gel, 2% KCl wtr carrying 40,500 lbs Premium White 20/40 sd. Max sd conc 3 ppg, ISIP 4,147 psig, 5" SIP 3,798 psig. Used 801,765 mscf N2, 427 BLW ( stg 8). SWI & SDFN. 4,766 BLWTR ttl. Rpts suspd until further activity.

5/13/08

Cont rpt for AFE # 715332 to D&C. MIRU Casedhole Solutions WLU. RIH set CBP @ 7,160'. POH & LD WL tls. SWI & SDFN. 4,766 BLWTR Ttl. Rpts suspd until further activity.

5/29/08

Cont rpt for AFE # 715332 to D&C. SICP 1200 psig. MIRU Temples WS #2. TIH w/4.75" Weatherford Hurricane mill, BRS & 218 jts 2-3/8", 4.7#, L-80 tbg. Tgd CBP @ 7160'. RU pwr swivel. SWI & SDFN. 4,766 BLWTR Ttl.

5/30/08

SICP 0 psig. Cont TIH w/4-3/4" Hurricane mill, safety sub, BRS & 223 jts 2-3/8" tbg. RU swivel & estb circion w/trtd 2% KCL wtr. DO 5-1/2" CBP's @ 7160', 7430', 7600', 7740', 8110', 8840' & 9240'. Ld prod tbg strg in hgr w/EOT @ 8946', SN 8945'. ND BOP. NU WH. Dropd ball & ppd off bit & BHA. Ppd 680 BW while circ for day, recd 1240 BLW. SWIFPBU & SDFN. 4206 BLWTR.

5/31/08

FTP 1,300, SICP 1,700 psig. F. 0 BO, 595 BLW, 23 hrs, FTP 1,300 - 1,050, SICP 1,700 -1,500 psig, 32 - 18/64" ck. Rets of sd, gas, wtr. 3611 BLWTR. MV perf fr/7,310' - 9,377'.

Flow

Zone:

MV

Event Desc:	FLOW BACK		Top I	nterval: 7,310	Bottom Interval:	9,377
	Avg	Choke	BBLS			
<u>Time</u>	<u>Press</u>	<u>Size</u>	Rec	Comments		
6:00:00 AM	0		0			
7:00:00 AM	1,700	32/64	0	Opn well.		
8:00:00 AM	1,750	32/64	40	Wtr, tr sd, & gas.		
9:00:00 AM	1,750	32/64	38	Wtr, tr sd, & gas.		
10:00:00 AM	1,750	32/64	41	Wtr, tr sd, & gas.		
11:00:00 AM	1,600	18/64	25	Wtr, tr sd, & gas.		
12:00:00 PM	1,600	18/64	23	Wtr, tr sd, & gas.		
1:00:00 PM	1,600	18/64	27	Wtr, tr sd, & gas.		
2:00:00 PM	1,600	18/64	24	Wtr, tr sd, & gas.		
3:00:00 PM	1,600	18/64	21	Wtr, tr sd, & gas.		
4:00:00 PM	1,600	18/64	22	Wtr, tr sd, & gas.		
5:00:00 PM	1,600	18/64	26	Wtr, tr sd, & gas.		
6:00:00 PM	1,600	18/64	25	Wtr, tr sd, & gas.		
7:00:00 PM	1,600	18/64	25	Wtr, tr sd, & gas.		
8:00:00 PM	1,600	18/64	25	Wtr, tr sd, & gas.		
9:00:00 PM	1,600	18/64	29	Wtr, tr sd, & gas.		
10:00:00 PM	1,600	18/64	27	Wtr, tr sd, & gas.		
11:00:00 PM	1,600	18/64	27	Wtr, tr sd, & gas.		
12:00:00 AM	1,600	18/64	25	Wtr, tr sd, & gas.		
1:00:00 AM	1,600	18/64	28	Wtr, tr sd, & gas.		
2:00:00 AM	1,600	18/64	27	Wtr, tr sd, & gas.		
3:00:00 AM	1,600	18/64	25	Wtr, tr sd, & gas.		
4:00:00 AM	1,600	18/64	20	Wtr, tr sd, & gas.		

5:00:00 AM

1,600

18/64

Ttl Bbls:

25 595 Wtr, tr sd, & gas.

Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

nogM	COPY
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FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

5. Lease Serial No.

SUNDRY NOTICES	AND REPORTS	ON WELLS		U-73436	
Do not use this form for abandoned well. Use Fort	6.	If Indian, Allotte	e or Tribe Name		
SUBMIT IN TRIPLICA	TE - Other instruction	ons on page 2		If Unit or CA/A	greement, Name and/or No
	Description) SEC 12-T11S-R20 SEC 12-T11S-R20		9. 43 10 UN	DESIGNATED  . County or Par	, or Exploratory Area
CHECK ADDRODDIATE	DOWNER DOWN	2/0.400 2/10/10/2002		NTAH	UTAH
	E BOX(ES) TO INI	DICATE NATURE OF N		OR OTHER I	DATA
TYPE OF SUBMISSION		TYF	PE OF ACTION		
Subsequent Report  Final Abandonment Notice  Final Abandonment Notice  13. Describe Proposed or Completed Operation (clearly If the proposal is to deepen directionally or recomp Attach the Bond under which the work will be perfollowing completion of the involved operations. It testing has been completed. Final Abandonment Mattached is XTO Energy's monthly	plete horizontally, give s formed or provide the in f the operation results in Notices shall be filed on ection.)	ils, including estimated startin ubsurface locations and meas Bond No. on file with BLM/ n a multiple completion or re ally after all requirements, inc	ured and true vertical BIA. Required subsecompletion in a new luding reclamation, h	andon MC  ed work and app depths of all per quent reports sh interval, a Form ave been comple	tinent markers and zones. all be filed within 30 days 3160-4 shall be filed once
				JUL	<b>DEIVED 07 2008</b> , GAS & MINING

14. 1 hereby certify that the foregoing is true and correct
Name (Printed/Typed)

JENNIFER M. HEMBRY

Title

FILE CLERK

Date

07/01/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

### Farmington Well Workover Report

LITTLE CANYON UNIT		Well # 006-12H		MV		
Objective:	Drill & Complete			_		
First Report:	10/11/2007					
AFE:	715332					
6/1/08	FTP 975, SICP 1,4 wtr. 3141 BLWTR	00 psig. F. 0 BO, 470 MV perf fr/7,310' - 9	BLW, 24 hrs, FTP 975 9,377'.	- 1,000, S	SICP 1,400 -1,500 psig	g, 18/64" ck. Rets of sd, gas,
Flow	Zone:	MV				
	Event Desc:	FLOW BACK		Top Is	nterval: 7,310	Bottom Interval: 9,377
		Avg	Choke	BBLS		
	<u>Time</u>	Press	<u>Size</u>	Rec	<b>Comments</b>	
	6:00:00 AM	1,400	18/64	18		
	7:00:00 AM	1,400	18/64	21	Opn well.	
	8:00:00 AM	1,450	18/64	20	Wtr, tr sd, & gas.	
	9:00:00 AM	1,475	18/64	19	Wtr, tr sd, & gas.	
	10:00:00 AN	A 1,500	18/64	21	Wtr, tr sd, & gas.	
	11:00:00 AN	A 1,500	18/64	20	Wtr, tr sd, & gas.	
	12:00:00 PM	1,550	18/64	21	Wtr, tr sd, & gas.	
	1:00:00 PM	1,550	18/64	18	Wtr, tr sd, & gas.	
	2:00:00 PM	1,550	18/64	19	Wtr, tr sd, & gas.	
	3:00:00 PM	1,550	18/64	20	Wtr, tr sd, & gas.	
	4:00:00 PM	1,550	18/64	19	Wtr, tr sd, & gas.	
	5:00:00 PM	1,550	18/64	18	Wtr, tr sd, & gas.	
	6:00:00 PM	1,550	18/64	21	Wtr, tr sd, & gas.	
	7:00:00 PM	1,550	18/64	20	Wtr, tr sd, & gas.	
	8:00:00 PM	1,550	18/64	21	Wtr, tr sd, & gas.	
	9:00:00 PM	1,550	18/64	18	Wtr, tr sd, & gas.	
	10:00:00 PN	A 1,550	18/64	19	Wtr, tr sd, & gas.	
	11:00:00 PN	A 1,550	18/64	21	Wtr, tr sd, & gas.	
	12:00:00 AN	M 1,500	18/64	21	Wtr, tr sd, & gas.	
	1:00:00 AM	1,500	18/64	18	Wtr, tr sd, & gas.	
	2:00:00 AM	1,500	18/64	18	Wtr, tr sd, & gas.	
	3:00:00 AM	1,500	18/64	20	Wtr, tr sd, & gas.	
	4:00:00 AM	1,500	18/64	19	Wtr, tr sd, & gas.	
	5:00:00 AM	1,500	18/64	20	Wtr, tr sd, & gas.	
			Tti Bbis:	470		
-						

6/2/08 FTP 1000, SICP 1,500 psig. F. 0 BO, 430 BLW, 24 hrs, FTP 1000 - 1,000, SICP 1,500 -1,500 psig, 18/64" ck. Rets of sd, gas, wtr. 2711 BLWTR. MV perf fr/7,310' - 9,377'.

Zone:	MV				
Event Desc:	FLOW BACK		Top II	iterval: 7,310	Bottom Interval: 9,3
	Avg	Choke	BBLS		
<u>Time</u>	Press	<u>Size</u>	Rec	Comments	
6:00:00 AM	1,500	18/64	21		
7:00:00 AM	1,550	18/64	22	Opn well.	
8:00:00 AM	1,550	18/64	24	Wtr, tr sd, & gas.	
9:00:00 AM	1,550	18/64	22	Wtr, tr sd, & gas.	
10:00:00 AM	1,550	18/64	21	Wtr, tr sd, & gas.	

Flow

12:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 1:00:00 PM 1,500 18/64 17 Wtr, tr sd, & gas. 2:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 3:00:00 PM 1,500 18/64 15 Wtr, tr sd, & gas. 4:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 5:00:00 PM 1,500 18/64 13 Wtr, tr sd, & gas. 5:00:00 PM 1,500 18/64 13 Wtr, tr sd, & gas. 6:00:00 PM 1,500 18/64 15 Wtr, tr sd, & gas. 7:00:00 PM 1,500 18/64 15 Wtr, tr sd, & gas. 8:00:00 PM 1,500 18/64 14 Wtr, tr sd, & gas. 8:00:00 PM 1,500 18/64 13 Wtr, tr sd, & gas. 9:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 10:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 14 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 3:00:00 AM 1,500	11:00:00 AM	1,500	18/64	24	Wtr, tr sd, & gas.
2:00:00 PM 1,500 18/64 15 Wtr, tr sd, & gas. 3:00:00 PM 1,500 18/64 15 Wtr, tr sd, & gas. 4:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 5:00:00 PM 1,500 18/64 13 Wtr, tr sd, & gas. 6:00:00 PM 1,500 18/64 15 Wtr, tr sd, & gas. 7:00:00 PM 1,500 18/64 15 Wtr, tr sd, & gas. 8:00:00 PM 1,500 18/64 14 Wtr, tr sd, & gas. 8:00:00 PM 1,500 18/64 13 Wtr, tr sd, & gas. 9:00:00 PM 1,500 18/64 13 Wtr, tr sd, & gas. 9:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 10:00:00 PM 1,500 18/64 21 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 12:00:00 AM 1,500 18/64 15 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 14 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 14 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 14 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 3:00:00 AM 1,500	12:00:00 PM	1,500	18/64	18	Wtr, tr sd, & gas.
3:00:00 PM	1:00:00 PM	1,500	18/64	17	Wtr, tr sd, & gas.
4:00:00 PM	2:00:00 PM	1,500	18/64	18	Wtr, tr sd, & gas.
5:00:00 PM         1,500         18/64         13         Wtr, tr sd, & gas.           6:00:00 PM         1,500         18/64         15         Wtr, tr sd, & gas.           7:00:00 PM         1,500         18/64         14         Wtr, tr sd, & gas.           8:00:00 PM         1,500         18/64         13         Wtr, tr sd, & gas.           9:00:00 PM         1,500         18/64         18         Wtr, tr sd, & gas.           10:00:00 PM         1,500         18/64         21         Wtr, tr sd, & gas.           11:00:00 PM         1,500         18/64         18         Wtr, tr sd, & gas.           12:00:00 AM         1,500         18/64         15         Wtr, tr sd, & gas.           1:00:00 AM         1,500         18/64         18         Wtr, tr sd, & gas.           2:00:00 AM         1,500         18/64         21         Wtr, tr sd, & gas.           3:00:00 AM         1,500         18/64         12         Wtr, tr sd, & gas.           4:00:00 AM         1,500         18/64         14         Wtr, tr sd, & gas.           5:00:00 AM         1,500         18/64         18         Wtr, tr sd, & gas.	3:00:00 PM	1,500	18/64	15	Wtr, tr sd, & gas.
6:00:00 PM 1,500 18/64 15 Wtr, tr sd, & gas. 7:00:00 PM 1,500 18/64 14 Wtr, tr sd, & gas. 8:00:00 PM 1,500 18/64 13 Wtr, tr sd, & gas. 9:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 10:00:00 PM 1,500 18/64 21 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 12:00:00 AM 1,500 18/64 15 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 15 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 21 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 4:00:00 AM 1,500 18/64 14 Wtr, tr sd, & gas. 5:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas.	4:00:00 PM	1,500	18/64	18	Wtr, tr sd, & gas.
7:00:00 PM 1,500 18/64 14 Wtr, tr sd, & gas. 8:00:00 PM 1,500 18/64 13 Wtr, tr sd, & gas. 9:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 10:00:00 PM 1,500 18/64 21 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 12:00:00 AM 1,500 18/64 15 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 2:00:00 AM 1,500 18/64 21 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 4:00:00 AM 1,500 18/64 14 Wtr, tr sd, & gas. 5:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas.	5:00:00 PM	1,500	18/64	13	Wtr, tr sd, & gas.
8:00:00 PM 1,500 18/64 13 Wtr, tr sd, & gas. 9:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 10:00:00 PM 1,500 18/64 21 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 12:00:00 AM 1,500 18/64 15 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 2:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 21 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 4:00:00 AM 1,500 18/64 14 Wtr, tr sd, & gas. 5:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas.	6:00:00 PM	1,500	18/64	15	Wtr, tr sd, & gas.
9:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 10:00:00 PM 1,500 18/64 21 Wtr, tr sd, & gas. 11:00:00 PM 1,500 18/64 18 Wtr, tr sd, & gas. 12:00:00 AM 1,500 18/64 15 Wtr, tr sd, & gas. 1:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 2:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas. 2:00:00 AM 1,500 18/64 21 Wtr, tr sd, & gas. 3:00:00 AM 1,500 18/64 12 Wtr, tr sd, & gas. 4:00:00 AM 1,500 18/64 14 Wtr, tr sd, & gas. 5:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas.	7:00:00 PM	1,500	18/64	14	Wtr, tr sd, & gas.
10:00:00 PM       1,500       18/64       21       Wtr, tr sd, & gas.         11:00:00 PM       1,500       18/64       18       Wtr, tr sd, & gas.         12:00:00 AM       1,500       18/64       15       Wtr, tr sd, & gas.         1:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.         2:00:00 AM       1,500       18/64       21       Wtr, tr sd, & gas.         3:00:00 AM       1,500       18/64       12       Wtr, tr sd, & gas.         4:00:00 AM       1,500       18/64       14       Wtr, tr sd, & gas.         5:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.	8:00:00 PM	1,500	18/64	13	Wtr, tr sd, & gas.
11:00:00 PM       1,500       18/64       18       Wtr, tr sd, & gas.         12:00:00 AM       1,500       18/64       15       Wtr, tr sd, & gas.         1:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.         2:00:00 AM       1,500       18/64       21       Wtr, tr sd, & gas.         3:00:00 AM       1,500       18/64       12       Wtr, tr sd, & gas.         4:00:00 AM       1,500       18/64       14       Wtr, tr sd, & gas.         5:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.	9:00:00 PM	1,500	18/64	18	Wtr, tr sd, & gas.
12:00:00 AM       1,500       18/64       15       Wtr, tr sd, & gas.         1:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.         2:00:00 AM       1,500       18/64       21       Wtr, tr sd, & gas.         3:00:00 AM       1,500       18/64       12       Wtr, tr sd, & gas.         4:00:00 AM       1,500       18/64       14       Wtr, tr sd, & gas.         5:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.	10:00:00 PM	1,500	18/64	21	Wtr, tr sd, & gas.
1:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.         2:00:00 AM       1,500       18/64       21       Wtr, tr sd, & gas.         3:00:00 AM       1,500       18/64       12       Wtr, tr sd, & gas.         4:00:00 AM       1,500       18/64       14       Wtr, tr sd, & gas.         5:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.	11:00:00 PM	1,500	18/64	18	Wtr, tr sd, & gas.
2:00:00 AM       1,500       18/64       21       Wtr, tr sd, & gas.         3:00:00 AM       1,500       18/64       12       Wtr, tr sd, & gas.         4:00:00 AM       1,500       18/64       14       Wtr, tr sd, & gas.         5:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.	12:00:00 AM	1,500	18/64	15	Wtr, tr sd, & gas.
3:00:00 AM       1,500       18/64       12       Wtr, tr sd, & gas.         4:00:00 AM       1,500       18/64       14       Wtr, tr sd, & gas.         5:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.	1:00:00 AM	1,500	18/64	18	Wtr, tr sd, & gas.
4:00:00 AM       1,500       18/64       14       Wtr, tr sd, & gas.         5:00:00 AM       1,500       18/64       18       Wtr, tr sd, & gas.	2:00:00 AM	1,500	18/64	21	Wtr, tr sd, & gas.
5:00:00 AM 1,500 18/64 18 Wtr, tr sd, & gas.	3:00:00 AM	1,500	18/64	12	Wtr, tr sd, & gas.
2,000	4:00:00 AM	1,500	18/64	14	Wtr, tr sd, & gas.
<b>Ttl Bbls:</b> 430	5:00:00 AM	1,500	18/64	18	Wtr, tr sd, & gas.
			Ttl Bbls:	430	

6/3/08 FTP 1000, SICP 1,500 psig. F. 0 BO, 388 BLW, 24 hrs, FTP 1000 - 1,000, SICP 1,500 -1,500 psig, 18/64" ck. Rets of sd, gas, wtr. 2323 BLWTR. MV perf fr/7,310' - 9,377'.

Flow	Zone:	MV					
	Event Desc:	FLOW BACK		Top Ir	iterval: 7,310	Bottom Interval: 9,3	9,377
		Avg	Choke	BBLS			
	<u>Time</u>	Press	Size	Rec	Comments		
	12:00:00 AM	1,500	18/64	17	Wtr, tr sd, & gas.		
	6:00:00 AM	1,500	18/64	20			
	7:00:00 AM	1,500	18/64	21	Opn well.		
	8:00:00 AM	1,500	18/64	18	Wtr, tr sd, & gas.		
	9:00:00 AM	1,500	18/64	19	Wtr, tr sd, & gas.		
	10:00:00 AM	1,500	18/64	20	Wtr, tr sd, & gas.		
	11:00:00 AM	1 1,500	18/64	20	Wtr, tr sd, & gas.		
	12:00:00 PM	1,500	18/64	17	Wtr, tr sd, & gas.		
	1:00:00 PM	1,500	18/64	13	Wtr, tr sd, & gas.		
	2:00:00 PM	1,500	18/64	14	Wtr, tr sd, & gas.		
	3:00:00 PM	1,500	18/64	15	Wtr, tr sd, & gas.		
	4:00:00 PM	1,500	18/64	17	Wtr, tr sd, & gas.		
	5:00:00 PM	1,500	18/64	13	Wtr, tr sd, & gas.		
	6:00:00 PM	1,500	18/64	13	Wtr, tr sd, & gas.		
	7:00:00 PM	1,500	18/64	18	Wtr, tr sd, & gas.		
	8:00:00 PM	1,500	18/64	13	Wtr, tr sd, & gas.		
	9:00:00 PM	1,500	18/64	18	Wtr, tr sd, & gas.		
	10:00:00 PM	1,500	18/64	17	Wtr, tr sd, & gas.		
	11:00:00 PM	1,500	18/64	13	Wtr, tr sd, & gas.		
	12:00:00 AN	1,500	18/64	14	Wtr, tr sd, & gas.		
	1:00:00 AM	1,500	18/64	15	Wtr, tr sd, & gas.		
	2:00:00 AM	1,500	18/64	15	Wtr, tr sd, & gas.		
	3:00:00 AM	1,500	18/64	15	Wtr, tr sd, & gas.		
	4:00:00 AM	1,500	18/64	14	Wtr, tr sd, & gas.		

5:00:00 AM

1,500

18/64

16 405 Wtr, tr sd, & gas.

6/4/08

FTP 1050, SICP 1,500 psig. F. 0 BO, 370 BLW, 24 hrs, FTP 1050 - 1,050, SICP 1,500 -1,500 psig, 18/64" ck. Rets of sd, gas, wtr. 1,953 BLWTR. MV perf fr/7,310' - 9,377'.

Ttl Bbls:

Flow

Zone:

MV

Zone:	IVI V						
Event Desc:	FLOW BA	ACK		Top Int	erval: 7,310	<b>Bottom Interval:</b>	9,377
		Avg	Choke	BBLS			
<u>Time</u>		<u>Press</u>	<u>Size</u>	Rec	Comments		
6:00:00 Al	M	1,500	18/64	25			
7:00:00 Al	M	1,500	18/64	15	Opn well.		
8:00:00 Al	M	1,500	18/64	15	Wtr, tr sd, & gas.		
9:00:00 Al	M	1,500	18/64	15	Wtr, tr sd, & gas.		
10:00:00 A	.M	1,500	18/64	14	Wtr, tr sd, & gas.		
11:00:00 A	M	1,500	18/64	17	Wtr, tr sd, & gas.		
12:00:00 P	M	1,500	18/64	16	Wtr, tr sd, & gas.		
1:00:00 PI	M	1,500	18/64	15	Wtr, tr sd, & gas.		
2:00:00 PI	M	1,500	18/64	14	Wtr, tr sd, & gas.		
3:00:00 PI	M	1,500	18/64	11	Wtr, tr sd, & gas.		
4:00:00 PI	М	1,500	18/64	16	Wtr, tr sd, & gas.		
5:00:00 PI	M	1,500	18/64	16	Wtr, tr sd, & gas.		
6:00:00 PI	M	1,500	18/64	11	Wtr, tr sd, & gas.		
7:00:00 PI	M	1,500	18/64	23	Wtr, tr sd, & gas.		
8:00:00 PI	M	1,500	18/64	18	Wtr, tr sd, & gas.		
9:00:00 Pi	M	1,500	18/64	9	Wtr, tr sd, & gas.		
10:00:00 P	'M	1,500	18/64	9	Wtr, tr sd, & gas.		
11:00:00 P	PM	1,500	18/64	18	Wtr, tr sd, & gas.		
12:00:00 A	ιM	1,500	18/64	13	Wtr, tr sd, & gas.		
1:00:00 A	M	1,500	18/64	13	Wtr, tr sd, & gas.		
2:00:00 A	M	1,500	18/64	14	Wtr, tr sd, & gas.		
3:00:00 A	M	1,500	18/64	17	Wtr, tr sd, & gas.		
4:00:00 A	M	1,500	18/64	20	Wtr, tr sd, & gas.		
5:00:00 A	M	1,500	18/64	16	Wtr, tr sd, & gas.		
			Ttl Bbls:	370			

6/5/08

FTP 1,000 psig, SICP 1,500 psig. F. 0 BO, 289 BLW, 24 hrs, FTP 1,000 psig - 1,000 psig, SICP 1,500 psig -1,400 psig, 18/64" ck. Rets of sd, gas, wtr. 1,664 BLWTR. MV perf fr/7,310' - 9,377'.

Flow

Zone:

MV

	01.01						
Ev	vent Desc:	FLOW BACK		Top II	nterval: 9,310	Bottom Interval: 9,377	
		Avg	Choke	BBLS			
	<u>Time</u>	Press	<u>Size</u>	<u>Rec</u>	Comments		
	6:00:00 AM	1,500	18/64	12			
	7:00:00 AM	1,500	18/64	15	Opn well.		
	8:00:00 AM	1,500	18/64	13	Wtr, tr sd, & gas.		
	9:00:00 AM	1,500	18/64	10	Wtr, tr sd, & gas.		
	10:00:00 AM	1,500	18/64	23	Wtr, tr sd, & gas.		
	11:00:00 AM	1,500	18/64	18	Wtr, tr sd, & gas.		
	12:00:00 PM	1,500	18/64	14	Wtr, tr sd, & gas.		
	1:00:00 PM	1,450	18/64	13	Wtr, tr sd, & gas.		
	2:00:00 PM	1,450	18/64	12	Wtr, tr sd, & gas.		

3:00:00 PM	1,450	18/64	13	Wtr, tr sd, & gas.
4:00:00 PM	1,450	18/64	10	Wtr, tr sd, & gas.
5:00:00 PM	1,450	18/64	9	Wtr, tr sd, & gas.
6:00:00 PM	1,450	18/64	11	Wtr, tr sd, & gas.
7:00:00 PM	1,450	18/64	5	Wtr, tr sd, & gas.
8:00:00 PM	1,450	18/64	4	Wtr, tr sd, & gas.
9:00:00 PM	1,450	18/64	10	Wtr, tr sd, & gas.
10:00:00 PM	1,450	18/64	15	Wtr, tr sd, & gas.
11:00:00 PM	1,450	18/64	9	Wtr, tr sd, & gas.
12:00:00 AM	1,450	18/64	10	Wtr, tr sd, & gas.
1:00:00 AM	1,400	18/64	8	Wtr, tr sd, & gas.
2:00:00 AM	1,400	18/64	15	Wtr, tr sd, & gas.
3:00:00 AM	1,400	18/64	12	Wtr, tr sd, & gas.
4:00:00 AM	1,400	18/64	13	Wtr, tr sd, & gas.
5:00:00 AM	1,400	18/64	15	Wtr, tr sd, & gas.
		Ttl Bbls:	289	

6/6/08 FTP 1,000 psig, SICP 1,400 psig. F. 0 BO, 283 BLW, 24 hrs, FTP 1,000 psig - 1,050 psig, SICP 1,400 psig -1,450 psig, 18/64" ck. Rets of sd, gas, wtr. 1,381 BLWTR. MV perf fr/7,310' - 9,377'.

Flow	Zone:	MV				
	Event Desc:	FLOW BACK		Top I	nterval: 7,310	Bottom Interval: 9,377
		Avg	Choke	BBLS		
	<b>Time</b>	<u>Press</u>	<u>Size</u>	Rec	<b>Comments</b>	
	6:00:00 AM	1,400	18/64	18		
	7:00:00 AM	1,400	18/64	17	Opn well.	
	8:00:00 AM	1,400	18/64	18	Wtr, tr sd, & gas.	
	9:00:00 AM	1,400	18/64	15	Wtr, tr sd, & gas.	
	10:00:00 AM	1,400	18/64	13	Wtr, tr sd, & gas.	
	11:00:00 AM	1,400	18/64	10	Wtr, tr sd, & gas.	
	12:00:00 PM	1,400	18/64	15	Wtr, tr sd, & gas.	·
	1:00:00 PM	1,400	18/64	16	Wtr, tr sd, & gas.	
	2:00:00 PM	1,450	18/64	13	Wtr, tr sd, & gas.	
	3:00:00 PM	1,450	18/64	12	Wtr, tr sd, & gas.	
	4:00:00 PM	1,450	18/64	17	Wtr, tr sd, & gas.	
	5:00:00 PM	1,450	18/64	9	Wtr, tr sd, & gas.	
	6:00:00 PM	1,450	18/64	9	Wtr, tr sd, & gas.	
	7:00:00 PM	1,450	18/64	10	Wtr, tr sd, & gas.	
	8:00:00 PM	1,450	18/64	10	Wtr, tr sd, & gas.	
	9:00:00 PM	1,450	18/64	11	Wtr, tr sd, & gas.	
	10:00:00 PM	1,450	18/64	10	Wtr, tr sd, & gas.	
	11:00:00 PM	1,450	18/64	9	Wtr, tr sd, & gas.	
	12:00:00 AM	1,450	18/64	9	Wtr, tr sd, & gas.	
	1:00:00 AM	1,450	18/64	11	Wtr, tr sd, & gas.	
	2:00:90 AM	1,450	18/64	9	Wtr, tr sd, & gas.	
	3:00:00 AM	1,450	18/64	7	Wtr, tr sd, & gas.	
	4:00:00 AM		18/64	6	Wtr, tr sd, & gas.	
	5:00:00 AM		18/64	9	Wtr, tr sd, & gas.	
			Ttl Bbls:	283	· · · · · · · · · · · · · · · · · · ·	

6/7/08 FTP 1,050 psig, SICP 1,450 psig. F. 0 BO, 231 BLW, 24 hrs, FTP 1,050 psig - 1,150 psig, SICP 1,450 psig -1,450 psig, 18/64" ck. Rets of sd, gas, wtr. 1,150 BLWTR. MV perf fr/7,310' - 9,377'...

Flow	Zone:	MV				
	Event Desc:	FLOW BACK		Top I	nterval: 7,310	<b>Bottom Interval:</b> 9,3
		Avg	Choke	<b>BBLS</b>		
	<u>Time</u>	Press	<u>Size</u>	Rec	Comments	
	6:00:00 AM	1,450	18/64	24	Wtr, tr sd, & gas.	
	7:00:00 AM	1,450	18/64	14	Wtr, tr sd, & gas.	
	8:00:00 AM	1,450	18/64	10	Wtr, tr sd, & gas.	
	9:00:00 AM	1,450	18/64	10	Wtr, tr sd, & gas.	
	10:00:00 AM	1,450	18/64	12	Wtr, tr sd, & gas.	
	11:00:00 AM	1,450	18/64	18	Wtr, tr sd, & gas.	
	12:00:00 PM	1,450	18/64	5	Wtr, tr sd, & gas.	
	1:00:00 PM	1,450	18/64	6	Wtr, tr sd, & gas.	
	2:00:00 PM	1,450	18/64	7	Wtr, tr sd, & gas.	
	3:00:00 PM	1,450	18/64	9	Wtr, tr sd, & gas.	
	4:00:00 PM	1,450	18/64	3	Wtr, tr sd, & gas.	
	5:00:00 PM	1,450	18/64	2	Wtr, tr sd, & gas.	
	6:00:00 PM	1,450	18/64	2	Wtr, tr sd, & gas.	
	7:00:00 PM	1,450	18/64	2	Wtr, tr sd, & gas.	
	8:00:00 PM	1,450	18/64	6	Wtr, tr sd, & gas.	
	9:00:00 PM	1,450	18/64	8	Wtr, tr sd, & gas.	
	10:00:00 PM	1,450	18/64	12	Wtr, tr sd, & gas.	
	11:00:00 PM	1,450	18/64	10	Wtr, tr sd, & gas.	
	12:00:00 AM	1,450	18/64	15	Wtr, tr sd, & gas.	
	1:00:00 AM	1,450	18/64	9	Wtr, tr sd, & gas.	
	2:00:00 AM		18/64	18	Wtr, tr sd, & gas.	
	3:00:00 AM	1,450	18/64	9	Wtr, tr sd, & gas.	
	4:00:00 AM		18/64	10	Wtr, tr sd, & gas.	
	5:00:00 AM	Ť	18/64	10	Wtr, tr sd, & gas.	
			Ttl Bbls:	231		

6/8/08 FTP 1,050 psig, SICP 1,400 psig. F. 0 BO, 229 BLW, 24 hrs, FTP 1,050 psig - 1,100 psig, SICP 1,400 psig -1,450 psig, 18/64" ck. Rets of sd, gas, wtr. 921 BLWTR. MV perf fr/7,310' - 9,377'.

Flow	Zone:	MV					
	Event Desc:	FLOW BACK		Top I	nterval: 7,310	Bottom Interval:	9,377
		Avg	Choke	BBLS			
	<u>Time</u>	Press	<u>Size</u>	Rec	<b>Comments</b>		
	6:00:00 AN	M 1,400	18/64	11	Wtr, tr sd, & gas.		
	7:00:00 AN	Л 1,400	18/64	10	Wtr, tr sd, & gas.		
	8:00:00 AN	M 1,400	18/64	13	Wtr, tr sd, & gas.		
	9:00:00 AN	M 1,450	18/64	9	Wtr, tr sd, & gas.		
	10:00:00 A	M 1,450	18/64	9	Wtr, tr sd, & gas.		
	11:00:00 A	M 1,450	18/64	13	Wtr, tr sd, & gas.		
	12:00:00 Pl	M 1,450	18/64	12	Wtr, tr sd, & gas.		
	1:00:00 PN		18/64	13	Wtr, tr sd, & gas.	••	:
	2:00:00 PM		18/64	9	Wtr, tr sd, & gas.		
	3:00:00 PM	M 1,500	18/64	13	Wtr, tr sd, & gas.		
	4:00:00 PN		18/64	11	Wtr, tr sd, & gas.		
	5:00:00 PM		18/64	9	Wtr, tr sd, & gas.		
	6:00:00 PM		18/64	9	Wtr, tr sd, & gas.		
	7:00:00 PM		18/64	12	Wtr, tr sd, & gas.		
	8:00:00 Pl		18/64	10	Wtr, tr sd, & gas.		

9:00:00 PM	1,500	18/64	7	Wtr, tr sd, & gas.
10:00:00 PM	1,500	18/64	8	Wtr, tr sd, & gas.
11:00:00 PM	1,500	18/64	8	Wtr, tr sd, & gas.
12:00:00 AM	1,500	18/64	7	Wtr, tr sd, & gas.
1:00:00 AM	1,500	18/64	6	Wtr, tr sd, & gas.
2:00:00 AM	1,500	18/64	6	Wtr, tr sd, & gas.
3:00:00 AM	1,500	18/64	7	Wtr, tr sd, & gas.
4:00:00 AM	1,500	18/64	9	Wtr, tr sd, & gas.
5:00:00 AM	1,500	18/64	8	Wtr, tr sd, & gas.
		Tti Bbls:	229	

6/9/08

FTP 1,100 psig, SICP 1,450 psig. F. 0 BO, 259 BLW, 24 hrs, FTP 1,100 psig - 1,050 psig, SICP 1,450 psig -1,450 psig, 18/64" ck. Rets of sd, gas, wtr. 662 BLWTR. MV perf fr/7,310' - 9,377'.

Flow

7	
Zone:	

MV

Event Desc:	FLOW BACK		Top I	nterval: 7,310	Bottom Interval: 9,37	7
	Avg	Choke	<b>BBLS</b>			
<u>Time</u>	Press	<u>Size</u>	Rec	<b>Comments</b>		
6:00:00 AM	1,450	18/64	10	Wtr, tr sd, & gas.		
7:00:00 AM	1,450	18/64	11	Wtr, tr sd, & gas.		
8:00:00 AM	1,450	18/64	6	Wtr, tr sd, & gas.		
9:00:00 AM	1,450	18/64	5	Wtr, tr sd, & gas.		
10:00:00 AM	1,450	18/64	9	Wtr, tr sd, & gas.		
11:00:00 AM	1,450	18/64	9	Wtr, tr sd, & gas.		
12:00:00 PM	1,450	18/64	12	Wtr, tr sd, & gas.		
1:00:00 PM	1,450	18/64	15	Wtr, tr sd, & gas.		
2:00:00 PM	1,450	18/64	12	Wtr, tr sd, & gas.		
3:00:00 PM	1,450	18/64	10	Wtr, tr sd, & gas.		
4:00:00 PM	1,450	18/64	9	Wtr, tr sd, & gas.		
5:00:00 PM	1,450	18/64	14	Wtr, tr sd, & gas.		
6:00:00 PM	1,450	18/64	15	Wtr, tr sd, & gas.		
7:00:00 PM	1,450	18/64	8	Wtr, tr sd, & gas.		
8:00:00 PM		18/64	9	Wtr, tr sd, & gas.		
9:00:00 PM		18/64	13	Wtr, tr sd, & gas.		
10:00:00 PN	A 1,450	18/64	14	Wtr, tr sd, & gas.		
11:00:00 PN		18/64	13	Wtr, tr sd, & gas.		
12:00:00 AM		18/64	15	Wtr, tr sd, & gas.		
1:00:00 AM		18/64	17	Wtr, tr sd, & gas.		
2:00:00 AM		18/64	8	Wtr, tr sd, & gas.		
3:00:00 AM	·	18/64	6	Wtr, tr sd, & gas.		
4:00:00 AM		18/64	10	Wtr, tr sd, & gas.		
5:00:00 AM		18/64	9	Wtr, tr sd, & gas.		
·	,	Ttl Bbls:	259			

6/10/08

FTP 1,050 psig, SICP 1,450 psig. F. 0 BO, 228 BLW, 24 hrs, FTP 1,050 psig - 1,100 psig, SICP 1,450 psig -1,500 psig, 18/64" ck. Rets of sd, gas, wtr. 434 BLWTR. MV perf fr/7,310' - 9,377'.

Flow

Zone:

MV

Event Desc:	FLOW BACK		Top In	iterval: 7,310
	Avg	Choke	BBLS	
<u>Time</u>	<u>Press</u>	<u>Size</u>	Rec	Comments
6:00:00 AM	1.450	18/64	13	Wtr, tr sd, & gas.

Bottom Interval: 9,377

7:00:00 AM	1,500	18/64	12	Wtr, tr sd, & gas.
8:00:00 AM	1,500	18/64	12	Wtr, tr sd, & gas.
9:00:00 AM	1,500	18/64	11	Wtr, tr sd, & gas.
10:00:00 AM	1,500	18/64	11	Wtr, tr sd, & gas.
11:00:00 AM	1,500	18/64	12	Wtr, tr sd, & gas.
12:00:00 PM	1,500	18/64	10	Wtr, tr sd, & gas.
1:00:00 PM	1,500	18/64	11	Wtr, tr sd, & gas.
2:00:00 PM	1,500	18/64	12	Wtr, tr sd, & gas.
3:00:00 PM	1,500	18/64	13	Wtr, tr sd, & gas.
4:00:00 PM	1,500	18/64	14	Wtr, tr sd, & gas.
5:00:00 PM	1,500	18/64	7	Wtr, tr sd, & gas.
6:00:00 PM	1,500	18/64	7	Wtr, tr sd, & gas.
7:00:00 PM	1,500	18/64	9	Wtr, tr sd, & gas.
8:00:00 PM	1,500	18/64	5	Wtr, tr sd, & gas.
9:00:00 PM	1,500	18/64	4	Wtr, tr sd, & gas.
10:00:00 PM	1,500	18/64	5	Wtr, tr sd, & gas.
11:00:00 PM	1,500	18/64	10	Wtr, tr sd, & gas.
12:00:00 AM	1,500	18/64	5	Wtr, tr sd, & gas.
1:00:00 AM	1,500	18/64	14	Wtr, tr sd, & gas.
2:00:00 AM	1,500	18/64	9	Wtr, tr sd, & gas.
3:00:00 AM	1,500	18/64	6	Wtr, tr sd, & gas.
4:00:00 AM	1,500	18/64	9	Wtr, tr sd, & gas.
5:00:00 AM	1,500	18/64	7	Wtr, tr sd, & gas.
		Ttl Bbls:	228	
•				

6/11/08 FTP 1,100 psig, SICP 1,500 psig. F. 0 BO, 226 BLW, 24 hrs, FTP 1,100 psig - 1,150 psig, SICP 1,500 psig -1,500 psig, 18/64" ck. Rets of sd, gas, wtr. 208 BLWTR. MV perf fr/7,310' - 9,377'.

Flow	Zone:	MV				
	Event Desc:	FLOW BACK		Top In	iterval: 7,310	<b>Bottom Interval:</b> 9,377
		Avg	Choke	BBLS		
	<u>Time</u>	Press	<u>Size</u>	Rec	<b>Comments</b>	
	6:00:00 AM	1,500	18/64	8	Wtr, tr sd, & gas.	
	7:00:00 AM	1,500	18/64	9	Wtr, tr sd, & gas.	
	8:00:00 AM	1,500	18/64	6	Wtr, tr sd, & gas.	
	9:00:00 AM	1,500	18/64	8	Wtr, tr sd, & gas.	
	10:00:00 AM	1,550	18/64	14	Wtr, tr sd, & gas.	
	11:00:00 AM	1,550	18/64	11	Wtr, tr sd, & gas.	
	12:00:00 PM	1,550	18/64	9	Wtr, tr sd, & gas.	
	1:00:00 PM	1,550	18/64	10	Wtr, tr sd, & gas.	
	2:00:00 PM	1,550	18/64	10	Wtr, tr sd, & gas.	
	3:00:00 PM	1,550	18/64	12	Wtr, tr sd, & gas.	
	4:00:00 PM	1,550	18/64	8	Wtr, tr sd, & gas.	
	5:00:00 PM	1,550	18/64	7	Wtr, tr sd, & gas.	
	6:00:00 PM	1,550	18/64	8	Wtr, tr sd, & gas.	and the second second
	7:00:00 PM	1,550	18/64	12	Wtr, tr sd, & gas.	
	8:00:00 PM	1,550	18/64	12	Wtr, tr sd, & gas.	
	9:00:00 PM	1,550	18/64	12	Wtr, tr sd, & gas.	
	10:00:00 PM	1,550	18/64	6	Wtr, tr sd, & gas.	
	11:00:00 PM	1,550	18/64	8	Wtr, tr sd, & gas.	
	12:00:00 AM	1,550	18/64	7	Wtr, tr sd, & gas.	
	1:00:00 AM	1,550	18/64	13	Wtr, tr sd, & gas.	

	2:00:00 AM	1,550	18/64	6	Wtr, tr sd, & gas.
	3:00:00 AM	1,550	18/64	12	Wtr, tr sd, & gas.
	4:00:00 AM	1,550	18/64	7	Wtr, tr sd, & gas.
	5:00:00 AM	1,550	18/64	11	Wtr, tr sd, & gas.
			Ttl Bbls:	226	
	further activity.				
6/19/08	further activity.		war yn i raeg ar yn dae y	<del></del>	RDMO Jackson Constuction. Susp rpts pending
6/25/08	Std pre-fabrication of 3" PT sched for week of 06		X42 steel gas line. Co	ompl 7-4"	welds. Compl inst of gas pipeline anchor. SDWO
6/27/08	SDWO PT sched for wee	ek of 06/30/08.			



entitle the applicant to conduct operations thereon.

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

		Expires sury	-
			_
í a	000	Carial Na	

UIU-73436	

6 If Indian Allottee or Tribe Name

abandoned well. Use Form					N/A	Acce of Tribe (Value
Tourist in this Electric medications on page 2				7. If Unit or CA/Agreement, Name and/or N		
1. Type of Well Oil Well Gas Well Other  2. Name of Operator					8. Well Name at LCU 6-12H	· · · · · · · · · · · · · · · · · · ·
XTO Energy Inc.	<u> </u>				9. API Well No.	
3a. Address	3	b. Phone No. (i	nclude area co	de)	43-047-3850	
382 CR 3100 Aztec, NM 87410	<u>.</u>	505-333	-3100			ool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey L.	Description)				HILL CREEK	
	SEC 12-T11S-R20E SEC 12-T11S-R20E	SLB&M			11. County or I	Parish, State
والمراجع والمراجع والمراجع والمراجع والمناجع والمناجع والمراجع والم		·			UINTAH	UTAH
12. CHECK APPROPRIATE	BOX(ES) TO INDI	CATE NATU		····	RT, OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE O	F ACTION		
Notice of Intent	Acidize	Deepen		Production	(Start/Resume)	Water Shut-Off
<u> </u>	Alter Casing	Fracture T	reat	Reclamatio	ո [	Well Integrity
X Subsequent Report	Casing Repair	New Cons	truction	Recomplete	e [	X Other 1ST DELIVERY
Final Abandonment Notice	Change Plans	Plug and A	Abandon	Temporaril	y Abandon	
I mai Availdonnient Notice	Convert to Injection	Plug Back	Ē	Water Disp	osal	
IFR of 800 MCFPD.  XTO allocation meter #RS0573RF Waynes Check CDP #288111						
						EIVED 17 2008
14. I hereby certify that the foregoing is true and correct		1				'no a mining
Name (Printed/Typed) WANETT MCCAULEY	A	Title	FILE CLER	Κ		
Signature Want MO	(aully		7/14/2008			
THIS	SPACE FOR FEDE		TE OFFICE	USE		
Approved by	1	Title			Dat	e
Conditions of approval, if any, are attached. Approval of this noti- the applicant holds legal or equitable title to those rights in the sub-		that Office				

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdictive.

Form 3160-5 (August, 1999)

1. Type of Well

3a. Address

2. Name of Operator

Oil Well

XTO Energy, Inc.

TYPE OF SUBMISSION

Final Abandonment Notice

which would entitle the applicant to conduct operations thereon.

Notice of Intent

X Subsequent Report

х

978 North Crescent Road, Roosevelt, UT. 84066

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 985'FNL & 1503' FWL Sec 12, 11S, 20E

Gas Well

#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Other

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE,

Acidize

Altering Casing

Casing Repair

Change Plans

Convert to Injection

FORM APPROVED

OMB No.	1004-013	35
Evnires: Nove	mher 30	200

	Expires: November 30, 2000
	5. Lease Serial No.
ON WELLS	UTU 73436
to re-enter an	6. If Indian, Allottee or Tribe Name
such proposals.	N/A
	7. If Unit or CA/Agreement, Name and/or No.
	81878 X
	8. Well Name and No.
	1344.0
	Little Canyon Unit 6-12H
	9. API Well No.
3b. Phone No. (include area code)	43-047-38505
435-722-4521	10. Field and Pool, or Exploratory Area
	1
	Natural Buttes
	11. County or Parish, State
	Uintah County, Utah
E NATURE OF NOTICE, REP	ORT OR OTHER DATA
TYPE OF ACTION	
Deepen Production (	Start/Resume) Water Shut-Off
Fracture Treat Reclamation	Well Integrity
New Construction Recomplete	Other
Plug and Abandon Temporarily	Abandon Interm Reclaimation
Plug Back Water Dispo	sal
· ·	
	any proposed work and approximate duration thereof, and true vertical depths of all pertinent markers and zones.
	uired subsequent reports shall be filed within 30 days
	in a new interval, a Form 3160-4 shall be filed once aclamation, have been completed and the operator has

Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting d If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measu Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. following completion of the involved operations. If the operation results in a multiple completion or recommendation testing has been completed. Final Abandonment Notices shall be filed only after all requirements, include determined that the site is ready for final inspection.)

Reserve pit was reclaimed & reseeded on 6/9/08 as per APD by Jackson construction

14. I hereby certify that the foregoing is true and correct Jody Mecham Title **Construction Coordinator** Signature Date Approved by Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or Office certify that the applicant holds legal or equitable title to those rights in the subject lease

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



#### **UNITED STATES** DEPARTMENT OF THE INTERIOR

## **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

	Expires	July	31,	2010
5. Lease	Serial No	).		

FORM APPROVED OMB NO. 1004-0137

Э.	Lease	Serial	N

UIU-73436 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2 LITTLE CANYON UNIT Type of Well 8. Well Name and No. Oil Well Gas Well Other LCU 6-12H Name of Operator XTO Energy Inc. 9. API Well No. 3a. Address 3b. Phone No. (include area code) 43-047-38505 382 CR 3100 Aztec, NM 87410 505-333-3100 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UNDESIGNATED 985' FNL & 1503' FWL NENW SEC 12-T11S-R20E 11. County or Parish, State 1800' FNL & 2000' FWL SENW SEC 12-T11S-R20E UTAH 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity X Subsequent Report Casing Repair **New Construction** Recomplete Other JULY 2008 Change Plans Plug and Abandon Temporarily Abandon MONTHLY REPORTING Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.) Attached is XTO Energy's monthly report for the period of 07/01/2008 thru 07/31/2008.

> RECEIVED AUG 1 1 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)		
WANEIT MCCAULEY	Title FILE CLERK	
Signature Want M. Cauly	Date 08/04/2008	
THIS SPACE FOR FEDERA	AL OR STATE OFFICE US	E
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person kr	nowingly and willfully to make to any d	epartment or agency of the United States any false

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### Farmington Well Workover Report

LITTLE CANYON UNIT Well # 006-12H MV

Objective:

Drill & Complete

First Report:

10/11/2007

AFE:

715332

7/10/08

Rpt for AFE# 715332. MI build pads for sep/dehy combo unit, tk & mtr. Set 12' x 15' O tk (0969) w/500K htr & 2,12' x 15' wtr tk (SN 0956),(SN 0955) w/500k htrs. Set 3 phase Pesco sep/dehy combo unit w/pre htr w/ 500k heater & 16" X 8' 4" sep (SN 206878) & 16" x 14' absorber tower (SN 102456) & dehy w/125k htr. Build pad & set 2" sales mtr run w/daniels simplex w/600 psi flanges. Run 2" sch 80 TBE bare pipe fr/ WH to combo unit & fr/combo unit to prod tk. Run 2" ln fr/ combo unit to sales mtr. Run 1/2" steel tbg for heat trace to tk & WH. Inst tk containment rings10 gauge & paint carlsbad tan. Insulate & tin flw ln, tk ln & tk.

#### EXECUTIVE SUMMARY REPORT

7/1/2008 - 7/31/2008 Report run on 8/4/2008 at 11:21 AM

Little Canyon Unit 06-12H - Hill Creek, 12, 11S, 20E, Uintah, Utah, Tim Friesenhahn, Roosevelt, Flowing

AFE: 715332

Objective: Drill & Complete a gas well

7/11/2008

The Little Canyon Unit 6-12H was First delivered to Questar through the XTO Waynes Check @ 11:00 p.m., 07-11-08. IFR 800 MCFPD.

This well is Uintah, County.

This well is on Roosevelt Lease Operator route #210.

This is a WA/MV well.

Accounting # 165567.

AFE # 715332.

XTO allocation meter # RS0573RF.

Fisher Roc Group 10 18. Waynes Check CDP # 288111

Tank # H1189.

Objective: Swab

7/21/2008

SITP 296 psig. SICP 1841 psig. MIRU Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tls. SN @ 8,945'. BFL @ 66' FS. S. 0 BO, 13.36 BW, 2 run, 6.5 hrs. FFL @ 250' FS. KO well flwg. Cycled plngr. FTP 1120 psig. SICP 1841 psig. RWTP 11:30 p.m., 7-21-08. RDMO Tech Swabbing SWU.

Objective: Swab

7/23/2008

SITP 0 psig. SICP 1427 psig. MIRU Tech Swabbing SWU. RU & RIH w/swb tls. SN @ 8,979'. BFL @ S. 0 BO, 10 BW, 1 run, 4.5 hrs. FFL, 2,000' FS. SITP 0 psig, SICP 1455 psig. KO well FLWG. RWTP @ 5:00 p.m., RDMO Tech Swabbing SWU. 7-23-08

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	DEPARTMENT OF NATURAL RESOURCES	
	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
drill horizontal l	new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to atterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: LITTLE CANYON UNIT
1. TYPE OF WELL OIL WELL	GAS WELL OTHER	8. WELL NAME and NUMBER:  LCU 6-12H
2. NAME OF OPERATOR: XTO ENERGY INC.		9. API NUMBER: 4304738505
3. ADDRESS OF OPERATOR:	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
382 CR 3100 CIT	AZTEC STATE NM ZIP 87410 (505) 333-3100	HILL CREEK
FOOTAGES AT SURFACE: 985' F	NL & 1503' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN		STATE: UTAH
<del></del> .	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION  ACIDIZE  DEEPEN	DEDEDEGRATE QUIDENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE  ALTER CASING  FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
8/31/2008	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: AUGUST 08
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	MONTHLY REPORT
	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumer monthly report for this period of 8/01/2008 thru 8/31/2008.	
NAME (PLEASE RINT) JENNIFE	R M. HEMBRY FILE CLERK	
SIGNATURE	er M. Hembry DATE 9/3/2008	
This space for State use only)	- J	RECEIVED

SEP 0 8 2008

#### EXECUTIVE SUMMARY REPORT

8/1/2008 - 8/31/2008 Report run on 9/3/2008 at 9:28 AM

Little Canyon Unit 06-12H - Hill Creek, 12, 11S, 20E, Uintah, Utah, Tim Friesenhahn, Roosevelt, Flowing

Objective: Swab

8/29/2008

SITP 85 psig. SICP 1250 psig. MIRU Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tls. SN @ 8,944'. BFL @ 8,944' FS. S. 0 BO, 10.01 BW, 1 run, 7 hrs. FFL @ 2,100' FS. KO well flwg. Cycled plngr. FTP 100 psig. SICP 1245 psig. RWTP 11: a.m., 8-29-08. RDMO Tech Swabbing SWU.

FORM 9

## STATE OF LITAH

		ATURAL RESOURCES		TOKIM S
		GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436
SUNDR	Y NOTICES AN	D REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to dril drill horizonta	Il new wells, significantly deepen Il laterals. Use APPLICATION FC	existing wells below current bottom- OR PERMIT TO DRILL form for such	hole depth, reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME: LITTLE CANYON UNIT
1. TYPE OF WELL OIL WELL				8. WELL NAME and NUMBER: LCU 6-12H
2. NAME OF OPERATOR: XTO ENERGY INC.				9. API NUMBER: 4304738505
3. ADDRESS OF OPERATOR:	AZTEC	NIM 97410	PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WILDCAT: HILL CREEK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 985' QTR/QTR, SECTION, TOWNSHIP, RA	FNL & 1503' FWL	NM ZIP 87410		COUNTY: UINTAH  STATE:  UTAH
11. CHECK APP	PROPRIATE BOXES	S TO INDICATE NAT	URE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION  NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:	ACIDIZE  ALTER CASING  CASING REPAIR  CHANGE TO PREVIO	FR.	TYPE OF ACTION  EPEN  ACTURE TREAT  W CONSTRUCTION  ERATOR CHANGE	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:  9/30/2008	CHANGE TUBING CHANGE WELL NAM CHANGE WELL STA COMMINGLE PRODU	TUS PLI PRIJUDING FORMATIONS RE	UG AND ABANDON UG BACK ODUCTION (START/RESUME) CLAMATION OF WELL SITE COMPLETE - DIFFERENT FORMATION	VENT OR FLARE  WATER DISPOSAL  WATER SHUT-OFF  ✓ OTHER: SEPTEMBER 08  MONTHLY REPORT
12. DESCRIBE PROPOSED OR O			etails including dates, depths, volui	mes, etc.
NAME (PLEASE PRINT) JENNIFE SIGNATURE LIMIT	ER M. HEMBRY	Jembry	TITLE FILE CLERK  10/3/2008	
(This space for State use only)			<u> </u>	RECEIVED

OCT 0 6 2008

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: LITTLE CANYON UNIT
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: LCU 6-12H
2. NAME OF OPERATOR:	9. API NUMBER: 4304738505
XTO ENERGY INC.  3. ADDRESS OF OPERATOR:  PHONE NUMBER:  (505) 0000 01000	10. FIELD AND POOL, OR WILDCAT:
382 CR 3100 CITY AZTEC STATE NM ZIP 87410 (505) 333-3100	HILL CREEK
FOOTAGES AT SURFACE: 985' FNL & 1503' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 12 11S 20E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	
10/31/2008 COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OTHER: OCTOBER 08  MONTHLY REPORT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume Attached is XTO Energy's monthly report for this period of 10/01/2008 thru 10/31/2008.	RECEIVED  NOV 1 0 2008  DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) JENNIFER M. HEMBRY TITLE FILE CLERK	
SIGNATURE SUNNIFOR M. Hembry DATE 11/5/2008	

(See Instructions on Reverse Side)

(This space for State use only)

#### EXECUTIVE SUMMARY REPORT

10/1/2008 - 10/31/2008 Report run on 11/4/2008 at 12:48 PM

Little Canyon Unit 06-12H - Hill Creek, 12, 11S, 20E, Uintah, Utah, Tim Friesenhahn, Roosevelt, Flowing

Objective: Swab

10/15/2008

SITP 484 psig. SICP 1487 psig. MIRU Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tls. SN @ 8,944'. BFL @ 2,000' FS. S. 0 BO, 10.02 BW, 1 run, 6.5 hrs. FFL @ 2,000' FS. KO well flwg. Cycled plngr. FTP 782 psig. SICP 1450 psig. RWTP 11:30 a.m., 10-15-08. RDMO Tech Swabbing SWU.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	ETTTEE O/ATTOTTOTT
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: LCU 6-12H
2. NAME OF OPERATOR:	9. API NUMBER: 4304738505
XTO ENERGY INC.  3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
382 CR 3100 CITY AZTEC STATE NM ZIP 87410 (505) 333-310	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 985' FNL & 1503' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 12 11S 20E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, RI	EPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:  Approximate date work will start:  CASING REPAIR  CHANGE TO PREVIOUS PLANS  OPERATOR CHANGE  CHANGE TUBING  PLUG AND ABANDON  CHANGE WELL NAME  CHANGE WELL STATUS  PRODUCTION (START//RESUME)  COMMINGLE PRODUCING FORMATIONS  TECHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE  CONVERT WELL TYPE  RECOMPLETE - DIFFERENT FORMA  Attached is XTO Energy's monthly report for this period of 11/01/2008 thru 11/30/2008.	volumes, etc.
NAME (PLEASE PRINT) JENNIFER M. HEMBRY TITLE REGULATO	RY CLERK
SIGNATURE LENNIGER M. Hembry DATE 12/5/2008	
(This space for State use only)	BECEIVED

**RECEIVED** 

DEC 0 9 2008

#### EXECUTIVE SUMMARY REPORT

11/1/2008 - 11/30/2008 Report run on 12/3/2008 at 4:43 PM

Little Canyon Unit 06-12H - Hill Creek, 12, 11S, 20E, Uintah, Utah, Tim
Friesenhahn, Roosevelt, Flowing
Objective: Swab/RWTP

11/4/2008 SITP 72 psig. SICP 1181 psig. MIRU Tech Swabbing SWU. Bd Tbg. RU & RIH
W/Swb tls. SN @ 8.944'. BFL @ 3.100' FS. S. 0 BO, 6.68 BW, 2 run, 3 hrs

w/swb tls. SN @ 8,944'. BFL @ 3,100' FS. S. 0 BO, 6.68 BW, 2 run, 3 hrs. FFL @ 3,100' FS. FTP 0 psig. SICP 1191 psig. SDFN 11-5-08. Tech Swabbing SWU.

11/5/2008 SITP 794 psig. SICP 1199 psig. MIRU Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tls. SN @ 8,944'. BFL @ 4,600' FS. S. 0 BO, 20.04 BW, 3 runs, 5 hrs. FFL @ 2,000' FS. Cycled PLNGR. FTP 0 psig. SICP 1138 psig. RWTP 11-05-08. Tech Swabbing SWU.

#### Form 3100-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECORD	CLEANUP
-	FORM APE

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

1 7	WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5. Lease Serial No. UTU-73436			
Ia. Type of Well Oil Well X Gas Well Dry Other									=			or Tribe Name		
b. Тур	e of Completio	n:	X New Wel	-	ork Over	Deepe	n [	Plug Bac	ck 🔲 l	Diff.Resvr,				ement Name and No.
2 Name	of Operator		Other							<del></del>				ON UNIT
	•										1	3. Lease Nar		
3. Addre	nergy Inc.						13a	Phone No	(include	area cado	,	LCU #6		
382 C	R 3100 A	ztec.	NM 87410								1 9	API Well		
4. Locat	ion of Well (Re	port loca	tion clearly ar	d in acco	rdance witi	h Federal r	equirem	======================================	-333-3	<u> 100</u>		43-047		
At sur	C.		1503' FW				•	,			110			Exploratory TES/WASATCH-MV
	505		1303 211	•							1			r Block and
At top	prod. interval r	eported b	elow									Survey or	Area	
		19	78 FNL	2050	FWL						12	SEC 12 2. County or		13. State
At tota	l depth SE	W 1800	FNL &	200 - FW	T- S-	12 TI	15 R	ZOE			- 1	•	1 41 1511	
14. Date	Spudded	15. E	Date T.D. Read	hed			ate Con					INTAH  7. Elevation	s (DF F	<u>  UT</u> RKB, RT, GL)*
						I	D & A	•	X Read	y to Prod.	1.	. Dioración	15 (151, 1	(ICD, ICI, OL)
	7/07	2	2/11/08			-	7/13	-	==			5514'		
18. Total	Depth: MD			9. Plug B	ack T.D.:	MD		85'	20.	Depth Brid	lge Plu		D	
	TVD		434			TVD		60			-		VD	
21. Type	Electric & Oth	er Mecha	nical Logs Ru	ı (Submit	copy of ea	ch)			22. V	Vas well cor	ed?	X No		Yes (Submit analysis)
161	NPELL!	+RLL	- Atta SI	,			•		V	Vas DST rui	1	X No	=	Yes (Submit report
'GR/CCI	CBL DI	recti	mal I	09	GRI	CALI	PALL	VIIC.		Directional S	urvey?	☐ No	===	Yes (Submit copy)
23. Casing	g and Liner Re	cord (Rep	ort all strings	set in wel	1)			1	<del></del>					
Hole Size	Size/Grade	Wt.(#ft	.) Top (MI	) Bott	om (MD)	Stage Cer		No.of S		Slurry \		Cement T	on*	Amount Dulled
7-1/2"	13.4/H40	48#		<del>-  </del>	31'	Dept	ih	Type of (		(BBL	)		ф.,	Amount Pulled
2-1/4"	9.63/J55	·							REM LT			0		
-7/8"		36#			500'			650	G			0		
-//8"	5.5/N80	17#		96	533'			965	G			900		
											l			
		Ĺ												···
24. Tubing	g Record					-	-					· <del></del>		· · · · · · · · · · · · · · · · · · ·
Size	Depth Set	(MD)	Packer Depth (I	ИD)	Size	Depth Se	t (MD)	Packer D	epth (MD)	Size		Depth Set	(MD)	Packer Depth (MD)
2-3/8"	8946	•				<del> </del>					-		<del>(                                    </del>	r deker Beptil (MB)
5. Produc	cing Intervals	_								·				<del></del>
						26. Perfo	ration R	ecord						
	Formation		Тор	В	ottom		ration Rerforated			Size	N	o. Holes	<u> </u>	Perf. Status
)		7	<del></del>				· · · · · ·				N			Perf. Status
<del></del>	Formation WSTCH/M	7	7310 '		ottom		· · · · · ·			Size	N	o. Holes		Perf. Status
)		J	<del></del>				· · · · · ·				N			Perf. Status
)		7	<del></del>				· · · · · ·		(		N			Perf. Status
)	WSTCH/M		7310	93			· · · · · ·		(		N			Perf. Status
) () () (7. Acid, F	WSTCH/M		7310	93			· · · · · ·	Interval		0.41"	N			Perf. Status
) ) ) 7. Acid, F	WSTCH/M Fracture, Treati	nent, Cen	7310 ·	93 Etc.	377'	Pe	erforated	Interval  Amount and	Type of N	O.41"		335		
) ) ) 7. Acid, F	WSTCH/M	nent, Cen	7310 ' ment Squeeze, A. w/'	93 Etc. 7,150 c	377'	Pe 5% HCl a	erforated	Amount and	Type of N	0.41"  Material 5,069 g	als v	335 vtr, 70Q		foam fld
) ) ) 7. Acid, F	WSTCH/M Fracture, Treati	nent, Cen	7310 ' ment Squeeze, A. w/'	93 Etc. 7,150 c	377'	Pe 5% HCl a	erforated	Amount and	Type of N	0.41"  Material 5,069 g	als v	335		foam fld
) ) ) 7. Acid, F	WSTCH/M Fracture, Treati	nent, Cen	7310 ' ment Squeeze, A. w/' (Pure	93 Etc. 7,150 c Gel 3)	377'  gals 7.!	Pe 5% HCl & 173 gals	acid.	Amount and Frac 'd	Type of N l w/106	Material 5,069 gaa-R foar	als w	335 vtr, 70Q Trac fld	2% K	foam fld Cl wtr
7) 7) 7) 7. Acid, F	WSTCH/M Fracture, Treati	nent, Cen	7310 ' ment Squeeze, A. w/' (Pure carry	93 Etc. 7,150 c Gel 3)	gals 7.	Pe 5% HCl & 173 gals	acid.	Amount and Frac 'd	Type of N l w/106	Material 5,069 gaa-R foar	als w	335 vtr, 70Q Trac fld	2% K	foam fld
731	WSTCH/M Fracture, Treati	ment, Cen	7310 ' ment Squeeze, A. w/' (Pure carry	93 Etc. 7,150 c Gel 3)	gals 7.	Pe 5% HCl & 173 gals	acid.	Amount and Frac 'd	Type of N l w/106	Material 5,069 gaa-R foar	als w	335 vtr, 70Q Trac fld	2% K	foam fld Cl wtr
731 Producti	WSTCH/M Fracture, Treati Depth Interval O' - 9377	ment, Cen	7310 ' ment Squeeze, A. w/' (Pure carry: w/Exp	93 Etc. 7,150 c Gel 3) ing 111 edite I	gals 7.5 & 74,. L,500# 1	5% HCl a	acid. s wtr, White	Amount and Frac'd , 55-70Q = 20/40	Type of N l w/106	Material 5,069 gra-R foat 342,700	als w	vtr, 70Q Frac fld	2% K	foam fld Cl wtr
731 Production	WSTCH/M  Fracture, Treati Depth Interval  O' - 9377  fon - Interval A  Test Date	Hours	A. w/' (Pure carry w/Exp	Etc.  7,150 c Gel 3) ing 111 edite I	gals 7.9 & 74,5 L,500# 1	5% HCl a 173 gala Premium  Water BBL	acid. s wtr,	Amount and Frac'd , 55-70Q = 20/40	Type of N d w/100 Delta sd & 3	Material 5,069 gra-R foat 342,700	als w med f	otr, 700 Frac fld	2% K	foam fld Cl wtr /40 sd coated
Producti	WSTCH/M  Fracture, Treati Depth Interval  O' - 9377  fon - Interval A  Test Date	ment, Cen	7310 ' ment Squeeze, A. w/' (Pure carry w/Exp	93 Etc. 7,150 c Gel 3) ing 111 edite I	gals 7.! & 74,: L,500# Dite.	5% HCl at 173 gala Premium  Water BBL 226	acid. s wtr, White	Amount and Frac'o , 55-700 e 20/40	Type of M l w/100 ) Delta sd & 3  Gas Gravity	Material 5,069 gra-R foat 342,700	als w med f	otr, 700 Frac fld	2% K	foam fld Cl wtr /40 sd coated
731 Production Pare First roduced 7/11/08 hoke ize	WSTCH/M  Practure, Treati Depth Interval  O 1 - 9377  Test Date 6/10/08  Tbg. Press. Flwg.	Hours Tested 24 Csg. Press.	7310 ' ment Squeeze, A. w/' (Pure carry w/Exp	Etc.  7,150 c Gel 3) ing 111 edite I  Oil BBL O Oil BBL	gals 7.! & 74,: L,500# 1 Lite. Gas MCF 2076 Gas MCF	5% HCl at 173 gals Premium  Water BBL 226  Water BBL	acid. s wtr, White	Amount and Frac'o , 55-700 e 20/40	Type of N N w/100 D Delta Sd & S	Material 5,069 gra-R foat 342,700	als w med f	otr, 700 Frac fld	2% K	foam fld Cl wtr /40 sd coated
731 Production Part First Troduced 7/11/08 hoke lize 18/64"	WSTCH/M  Practure, Treati Depth Interval  O' - 9377  Fraction - Interval A  Test Date 6/10/08  Tbg. Press. Flwg. SI 1100	Hours Tested 24 Csg. Press.	7310 ' ment Squeeze, A. w/' (Pure carry w/Expo	Etc.  7,150 c Gel 3) ing 111 edite I  Oil BBL 0	gals 7.9 & 74,  L,500# 1 ite.  Gas MCF 2076 Gas	5% HCl at 173 gala Premium  Water BBL 226 Water	acid. s wtr, White	Amount and Frac'o , 55-700 e 20/40	Type of N  W/106  Delta  Sd & 3  Gas  Gravity  Well State	Material 5,069 gra-R foat 342,700	als v	otr, 700 Frac fld	2% K te 20 FLOWI	foam fld Cl wtr /40 sd coated
731 Productive Part of the Productive Produced 7/11/08 Phoke ize 18/64* Ba. Productive Part of the Part of the Productive Part of the Part of t	Fracture, Treating the property of the propert	Hours Tested 24 Csg. Press.	7310 ' ment Squeeze, A. w/' (Pure carry w/Exp  Test Production 24 Hr.	Etc.  7,150 c Gel 3) ing 111 edite I  Oil BBL O Oil BBL O	gals 7.1 & 74, L,500# 1 Lite. Gas MCF 2076 Gas MCF 2076	5% HCl a 173 gala Premium  Water BBL 226 Water BBL 226	acid. s wtr, White	Amount and Frac 'c , 55-70C = 20/40	Type of N  W/106  Delta  Sd & 3  Gas  Gravity  Well State	Material 5,069 gra-R foat 342,700	als v	otr, 700 Frac fld	2% K te 20	foam fld Cl wtr /40 sd coated
731  Producti Date First roduced 7/11/08 Choke ize 18/64"	WSTCH/M  Practure, Treati Depth Interval  O' - 9377  Fraction - Interval A  Test Date 6/10/08  Tbg. Press. Flwg. SI 1100	Hours Tested 24 Csg. Press.	7310 ' ment Squeeze, A. w/' (Pure carry: w/Exp  Test Production 24 Hr. Test	Etc.  7,150 c Gel 3) ing 111 edite I  Oil BBL O Oil BBL O	gals 7.! & 74,: L,500# 1 Lite. Gas MCF 2076 Gas MCF 2076	5% HCl at 173 gals Premium  Water BBL 226  Water BBL 226  Water BBL 226	acid. s wtr, White	Amount and Frac 'd' , 55-70C 20/40	Type of N  N  N  O  O  O  Case  Gas  Gravity  Well State  F	Material 5,069 gra-R foat 342,700	als v	otr, 700 Frac fld	2% K te 20	foam fld Cl wtr /40 sd coated
731 Productive Productive Produced 7/11/08 Page 18/64" Page 18/64" Productive Productive Produced Productive Productive Produced	WSTCH/M  Fracture, Treate Depth Interval  O' - 9377  fon - Interval A  Test Date 6/10/08  Tbg. Press. Flwg. SI 1100  ion-Interval B  Test Date	Hours Tested 24 Csg. Press. 1500 Hours Tested	7310 ' nent Squeeze,  A. w/' (Pure carry: w/Expo	Etc.  7,150 c Gel 3) ing 111 edite I  Oil BBL O Oil BBL O	gals 7.1 & 74, L,500# 1 Lite. Gas MCF 2076 Gas MCF 2076	5% HCl a 173 gala Premium  Water BBL 226 Water BBL 226	acid. s wtr, White Oil Grav Corr. Al	Amount and Frac 'd' , 55-70C 20/40	Type of M I w/100 Delta sd & 3  Gas Gravity Well State	Material 5,069 gra-R foat 342,700	als version in the state of the	otr, 700 Frac fld	2% K te 20	foam fld Cl wtr /40 sd coated
731  Productive First roduced 7/11/08 hoke lize 18/64"  Ba. Product late First roduced 7/11/08 hoke lize 18/64"	racture, Treating the property of the part	Hours Tested 24 Csg. Press. 1500	7310 ' ment Squeeze,  A. w/' (Pure carry: w/Exp  Test Production 24 Hr. Test Production	Etc.  7,150 c Gel 3) ing 111 edite I  Oil BBL O Oil BBL O	gals 7.! & 74,: L,500# 1 Lite. Gas MCF 2076 Gas MCF 2076	5% HCl at 173 gals Premium  Water BBL 226  Water BBL 226  Water BBL 226	acid. s wtr, White Oil Grav Corr. Al	Amount and Frac 'd , 55-70C = 20/40	Type of N  N  N  O  O  O  Case  Gas  Gravity  Well State  F	Material 5,069 ga-R foat 342,700  Prod  Prod	als version in the state of the	otr, 700 Erac fld Erniu Whi	2% K te 20	foam fld Cl wtr /40 sd coated

8b. Production	on - Inter	val C						•			
Date First Produced	Test Date		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method	
Choke	Tbg. Pre		Csg.	24	Oil	Gas	Water	Corr. API Gas: Oil	Well Status		
ize	Flwg. SI		Press.	Hr.	BBL	MCF	BBL	Ratio	Well glades		
Bc. Producti	ion-Interv	/al D		· · · · · · · · · · · · · · · · · · ·	<u> </u>						
ate First roduced	Test Date		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
hoke ize	Tbg. Pres Flwg. SI		Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
). Dispositio	on of Gas (	Sold, u.	sed for f	uel, vented, et	c.)		TO BE	SOLD	1		
) Cummon	a of Dono	7or	oo (Inal	ude Aquifers):		<del>.</del>			31 Forma	tion (Log) Markers	,
Show all	important depth inte	zones o	: f porosity	y and contents the on used, time to	nereof: Co				Ji. Toma	Holl (Edg) Markola	
Formati	ion	Тс		Bottom		Decor	intione Co	ntents, etc.		Name	Тор
гоппан	ion	1 (	рÞ			Desci					Meas. Depth
			1						GREEN R	IVER	887
			į						MAHOGEN	Y BENCH	1641
							•		WASATCH	TONGUE	3834
									UTELAND	LIMESTONE	4155
									WASATCH		4290
									CHAPITA		5070
									UTELAND		6355
									MESAVER		7240
									I MILWIVE A		
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			}								
	1										
. Addition	al remark	s (incl	ude plug	gging procedu	re):						
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											DEC 2 3 2008
. Indicate	which ite	ms hav	e bee at	tached by plac	ing a che	eck in the a	ppropriate	boxes:			
				full set reg'd)			ogic Repoi		oort Direc	tional Survey	DIV. OF OIL, GAS & MIN
==				d cement veri	fication	<u></u>	Analysis	Other:		,	
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. I hereby	certify th	at the	foregoin	g and attached	l informa	ition is con	plete and	correct as determi	ned from all avail	able records (see attache	ed instructions)* .
Name (ple	ease prini	<i>)</i> _L	ORRI :	D. BINGHA	M	· · · · ·			itle <u>REGULA</u>	TORY COMPLIANCE	TECH
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Signature		7	FU	ALAT	9	Zet	in)	·1	Date 12/17/0	08	
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le 18 II S (	C. Section	n 1001	and Tit	tle 43 U.S.C.	Section	1212, mak	e it a crim	e for any person l	enowingly and wi	lifully to make to any o	department or agency of the Unite

(Form 3160-4, page 2)

Continued on page 3)

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM								
Operator:	XTO ENERGY INC.		Operator Account Number: N	2615				
Address:	382 CR 3100							
	city AZTEC							
	state NM	<sub>zip</sub> 87410	Phone Number: (50	5) 333-3100				

Well 1

Well Name		QQ	Sec	Twp	Rng	County
LCU 6-12H		NENW	12	118	20E	UINTAH
Current Entity Number	New Entity Number	S	pud Da	te		y Assignment fective Date
16539	16539	1	1/7/200	7	V	5/09
	Current Entity Number	LCU 6-12H  Current Entity New Entity	Current Entity New Entity S Number Number	LCU 6-12H NENW 12  Current Entity New Entity Number Spud Da  Number Number	LCU 6-12H NENW 12 11S  Current Entity New Entity Number Spud Date  Number Number	LCU 6-12H NENW 12 11S 20E  Current Entity New Entity Spud Date Entity Number Eff

Comments: Wasatch/Mesa Verde

Formation change

Well 2

API Number	Well 1	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		y Assignment fective Date
omments:				<u>-</u>	<u>-</u>		

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		y Assignment ective Date
omments:	11			<u></u>			

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED
JAN 1 5 2009

Name (Please Print)	
Signature REGULATORY CLERK	1/15/2009
Title	Date

EDEN FINE

(5/2000)

FORM 9

STATE OF UTAH MENT OF NATURAL RESOURCES

SUNDRY NOTICES AND REPORTS ON WELLS  To not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals  TYPE OF WELL  TYPE OF WELL	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals	
TYPE OF WELL	7. UNIT OF CA AGREEMENT NAME 2. LITTLE CANYON UNIT
OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: - LCU 6-12H
NAME OF OPERATOR:	9. API NUMBER:
ADDRESS OF OPERATOR PHONE NUMBER:	4304738505  10. FIELD AND POOL, OR WILDCAT.
ADDRESS OF OPERATOR 82 CR 3100 AZTEC NM 87410 (505) 333-3100	NATURAL BUTTES - WS-MV
FOOTAGES AT SURFACE 985' FNL & 1503' FWL	COUNTY: UINTAH
QTR/QTR SECTION, TOWNSHIP, RANGE MERIDIAN NENW 12 11S 20E	STATE UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)  ALTER CASING  FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	
3/20/2009 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OTHER
TO Energy Inc. performed an acid treatment on this well per the attached Morning Repo	RECEIVED  JUN 1 8 2009  DIV. OF OIL, GAS & MININ
·	

(The opines to Time Fee Stay)

Wellname: Little Canyon Unit 06-12H

T-R-S: T11S-R20E-S12 State: Utah

Zones: Mesaverde

County: Uintah Lat: 39\*52'46.08"N Long: 109\*37'52.170"E

Objective: Acid Treatment Proposed TD:

Daily Operations Data From: 3/20/2009 1:00:00PM to 3/20/2009 4:00:00PM Operation Summary: MIRU Frac Tech Services. RU and pressure test surface lines to 5,000 psig. pump 250 gals of 15% KCL down tbg. Flush 35 bbls 2% down tbg. pump 60 bbl chem pill. Pump 20 bbls 2% spacer down csg. Pump 500 gals 15% HCL down csg. flush 20 bbls 2% KCL down csg. Displace w/160,000 SCF Nitrogen. SWI SDFN, RDMO Frac Tech Services, 3-20-09. wait on SWU.

**End of Report** 

Form 3160-5 " (August 2007)

1. Type of Well Oil Well

3a. Address

BHL:

13.

2. Name of Operator XTO Energy Inc.

382 CR 3100

#### UNITED STATES ' DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORM APPROVED
DOGM	COP (MB NO. 1004-0137

GM COP (MB NO. 1004-0137) Expires July 31, 2010
Supres vary 51, 2010

ı	CO	P	OME	B NO. I res Iulv	004 31	-013 201	3°
			- DAPI	ics july	J.,	20	_

SUNDRY	NOTICES	AND	REPORTS	ON	WEL	LS
--------	---------	-----	---------	----	-----	----

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

BUREAU OF	LAND MANAGEME	ENT		<del></del>	pires July 31, 2010
		*		5. Lease Seria	il No:
SUNDRY NOTICES				UIU-73436	
Do not use this form for				6. If Indian, A	llottee or Tribe Name
abandoned well. Use Form	n 3160-3 (APD) tol	r sucn proposais.		N/A	
CUDMIT IN TOIDUICAS	Cthor in atmenti				A/Agreement, Name and/or N
SUBMIT IN TRIPLICATE - Other instructions on page 2				LITTLE CAN	-
pe of Well					
Oil Well 🗶 Gas Well Other				8. Well Name	and No.
ne of Operator				LCU 6-12H	
O Energy Inc.				9. API Well N	•
ldress		3b. Phone No. (include are	ea code)	43-047-385	
2 CR 3100 Aztec, NM 87410		505-333-3100		· ·	Pool, or Exploratory Area
eation of Well (Footage, Sec., T., R., M., or Survey I	Description)			HILL CREEK	
L: 985' FNL & 1503' FWL NENW	SEC 12-T11S-R2	OE SLB&M		WSMVD	
L: 1978' FNL & 2050' FWL SENW	SEC 12-T11S-R2			11. County or	Parish, State
				UINTAH	UTAH
12. CHECK APPROPRIATE	BOX(ES) TO INI	DICATE NATURE OF N	NOTICE, REPO	RT OR OTHE	ER DATA
TYPE OF SUBMISSION		ΙΥ	PE OF ACTION		# 18
X Notice of Intent	Acidize	Deepen	Production	n (Start/Resume)	Water Shut-Off
	Alter Contra		$\equiv$		
Subsequent Report	Alter Casing	Fracture Treat	Reclamation	on	Well Integrity
	Casing Repair	New Construction	Recomple	te	X Other PWOP
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporari	ly Abandon	
	Convert to Injection	on Plug Back	Water Dis	posal	
Attach the Bond under which the work will be per following completion of the involved operations. It testing has been completed. Final Abandonment it determined that the final site is ready for final inspect XTO Energy Inc. intends to put the attached procedure.	f the operation results in dotices shall be filed on stion.)  is well on pump	n a multiple completion or re lly after all requirements, inc	ecompletion in a cluding reclamation	new interval, a Fon, have been co	orm 3160-4 shall be filed once impleted, and the operator has
	Data: 10 x	14.2009		13	
		11.200		SEF	P 2 2 2009
Po 1	Initials:	65		DIV. OF OIL	L, GAS & MINING
nereby certify that the foregoing is true and correct ame (Printed/Typed)					
BARBARA A. NICOL		Title RECTITION	TORY CLERK		
nature BAUMAW A. NiC	al	Date 9/18/200			
ТЫІ	SPACE FOR FED	ERAL OR STATE OFF	ICE USE		

	DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	
BARBARA A. NICOL	Title REGULATORY CLERK
Signature Bally a. Nical	Date 9/18/2009
THIS SPACE FOR FEDERA	AL OR STATE OFFICE USE
Approved by	Title Pet Eng. Date 10/13/09
Conditions of approval, it any, are attached. Approval of this notice does not warrant or certify tha the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office OG Action Is Necessary
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 makes it a gring for	Bass

s it a crime for any person knowingly and willfully to make to an department or each of the fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JTB	
TJF	
DLC	

#### LCU 6-12H Sec 12, T 11S, R 20 E Uintah County, Utah API- 43-047-38505

#### AFE # 904829

#### Put Well on Pump

Surf csg:

13-3/8" 48# H-40 csg @ 531' Circ cmt to surf

Interm csg:

9-5/8", 36#, J-55, ST&C csg @ 3600'

Prod csg:

5-1/2", 17#, N80, LT&C csg @ 9633'. PBTD @ 9585',

Tbg:

2-3/8" tbg, EOT @ 8946'

Perfs:

**MV**: 7310'-20', 7466'-74', 7514'-20', 7628'-34', 7646'-52', 7768'-74',

7846'-52', 7868'-74', 8746'-59', 8885'-89', 8910'-14', 8952'-58', 8987'-89',

9104'-14', 9288'-92', 9351'-59', 9373'-77'

#### **PWOP Procedure**

1) MI and set a Lufkin RM 456-365-144 pumping unit (min ECB 20,100#) with electric drive. Set CB weights as follows:

Description	Weight	Position
Left Lag	ORO + 2 OS	12.1" from end of crank
Left Lead	ORO + 1 OS	12.1" from end of crank
Right Lag	ORO + 2 OS	12.1" from end of crank
Right Lead	ORO + 1 OS	12.1" from end of crank

- 2) MIRU PU. Blow down casing to blow tank and kill well w/ 2% KCl. ND WH, NU BOP. Unseat tubing hanger and lower tubing to tag, then tally out of hole. Advise Tom Boyce of fill, scale or corrosion on tubing. Consider acid job if scale is present.
- 3) Pick up 4 ¾" bit and casing scraper, TIH to top of fill (est 9566'). If necessary, consider C/O to provide adequate rat hole. When adequate rat hole is obtained, POH laying down 2 3/8" tubing.

- 4) RIH with pumping string as follows:
  - a) 2 3/8" x 5 ½" TEC tubing anchor
  - b) 2 3/8" x 6' blank sub
  - c) 2 3/8" x 4' perforated sub
  - d) 23/8" x 1.78" S/N
  - e) 2 3/8" x 2 7/8" X-over
  - f) 2 7/8" 6.5# EUE N-80 tubing lined with Western Falcon "Enertube" poly liner.

Land tubing in tension with anchor at  $\pm 9430$ '. ND BOP, NU wellhead.

Note: This lined tubing product has an exposed poly shoulder on each pin end. Install thread protectors before picking up or standing back tubing to prevent damage. Use caution in tightening connections, do not exceed **1690 ft-lb**. Over-tightening connection will cause liner to "crimp" reducing ID. Drift each stand after running with 2" drift; if drift will not pass, pull and inspect tubing and liner. Liner is limited to 210° F maximum operating temperature; below 30° F, liner can become brittle and more susceptible to damage.

- 5) RIH w/ pump and rod string as follows:
  - a) 2"x 1 1/4"x 16'x 19'x22' RHBC w/ 8' dip tube, 6'x -.005" plunger
  - b) 3/4" x 4' rod sub
  - c) 3/4" 21,000 lb HF shear tool
  - d) 30-1 1/4" API K Sinker Rods
  - e) 251 3/4" Norris 96 Rods w/ "T" couplings,
  - f) 96 7/8" Norris 96 Rods w/ Slim hole couplings
  - g) 7/8"- Norris 96 rod pony rods as necessary to space out
  - h) 1 1/4" x 22' Polish rod w/ 1 1/2" liner
- 6) Space out pump as required with rod subs. Load tubing and long stroke with rig to ensure pump action. RDMO PU.
- 7) Gauge tanks. Shoot FL and run dynamometer during pumping unit startup. Start well pumping at 3 SPM and 144" SL for 24 hours. Check fluid level and tank gauges.
- 8) Report pre and post start up data to Tom Boyce

#### Regulatory

• Submit NOI and subsequent report to BLM and Utah Division of Oil Gas & Mining for installation of pumping unit.

#### Services/Material

- AFU
- 4-3/4" bit & bit sub, 5-1/2" casing scraper

#### **Equipment**

- Lufkin RM 456-365-144 pumping unit (min ECB 20,100 lbs) with electric drive
- TEC 5 ½" x 2 3/8" anchor catcher

#### **Tubing**

- 2 7/8" L-80 6.5# L-80 tubing lined with Westen Falcon "Enertube" Poly liner
- 2 7/8" x 2 3/8" X-over
- 2 3/8" x 4' perforated sub

#### Rods

- 2" x 1 1/4" x 16' x 19'x 22' RHBC pump w/ 8' dip tube, 6'x -.005 plunger
- ¾" x 4' Guided Rod Sub w/mold-on guides
- <sup>3</sup>/<sub>4</sub>" 21,000 lb HF Shear Tool
- 30 1 1/4" x 25' API K Sinker Bars
- 251-3/4" Norris 96 Rods w/ "T" couplings
- 96 7/8" Norris 96 Rods w/ slim hole couplings
- 7/8"- Norris 96 rod pony rods as necessary to space out
- 1 1/4" x 22' Polish rod w/ 1 1/2" liner

	FORM 9				
	<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73436				
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. I		7.UNIT or CA AGREEMENT NAME: LITTLE CANYON		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: LCU 6-12H		
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047385050000		
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8	7410 505 333-3159 Ext	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: HILL CREEK		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0985 FNL 1503 FWL OTR/OTR, SECTION, TOWNSH	TD DANGE MEDIDIAN.		COUNTY: UINTAH		
	Township: 11.0S Range: 20.0E Meridian:	S	STATE: UTAH		
CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
XTO Energy Inc. v production: 11/25/2 144. 3 SPM. This wo RTU Group 10. Addre	□ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE ✓ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION  DMPLETED OPERATIONS. Clearly show all pervould like to amend the day the door. The Little Canyon Unit 6 cell is on Route #212. XTO Allowers 19. Waynes Check CDP Meters 11/25/2009. Final report, I	Accepted by the Utah Division of			
NAME (PLEASE PRINT) Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	TITLE Regulatory Clerk			
SIGNATURE N/A	303 333 3042	DATE 12/2/2009			

	FORM 9					
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436					
SUNDI	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: LITTLE CANYON			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: LCU 6-12H			
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047385050000			
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8		ONE NUMBER:	9. FIELD and POOL or WILDCAT: HILL CREEK			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0985 FNL 1503 FWL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSH	IP, RANGE, MERIDIAN: ? Township: 11.0S Range: 20.0E Meridian	: S	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME			
Approximate date work will start.	☐ CHANGE WELL STATUS	$\square$ commingle producing formations	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION			
8/13/2010	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: CHEMICAL TREATME			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  XTO Energy Inc. has performed a chemical treatment on this well per the attached summary report.  Accepted by the Utah Division of Oil, Gas and Mining  FOR RECARDALY						
NAME (PLEASE PRINT) Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	R TITLE Regulatory Compliance Tech				
SIGNATURE N/A		<b>DATE</b> 8/16/2010				

#### **Little Canyon Unit 06-12H**

**8/11/2010:** MIRU TWS #2. Unhung well, NU & loaded tbg w/23 bbls of trtd 2% KCL wtr. Att to PT tbg to 1,000 psig, pressure bled off in 90 seconds. Repeated tst to 1,000 psig three times w/the same results, PT failed. Unseated pmp & LD PR. TOH w/196 - 7/8" slick skr d, 251 - 3/4" slick skr d, 30 - 1-1/4" K sbs & 2 x 1-1/4" x 19' RHBC pmp. Bd & inspected pmp on loc, found sc BU inside pmp. Pmp had gd travel, but appeared to be dry. MIRU PLS SLU, RIH w/1.88" GR, tgd @ 4,778', POH. RIH w/1.75" GR, tgd @ 4,780'. POH & LD SL tls, RDMO SLU. TIH w/rod string to 8,320', did not tg obstruction inside tbg. SWI & SDFN.

**8/12/2010:** Cont to TIH w/rod strg to SN @ 9,436', did not tg any obstructions. TOH w/rod strg. MIRU Nalco, ppd 20 bbls of sc inhibitor dwn tbg, followed w/37 bbls of trtd 2% KCL wtr, and ppd 50 bbls of trtd 2% KCL wtr dwn csg. PU & loaded 2" x 1-1/4" x 16' x 19' RHBC pmp (XTO #184) w/8' x 1" GAC. TIH w/pmp BHA, 4' x 3/4" stabilizer rod, shear tl pinned to 26K, 4' x 3/4" stabilizer rod, 30 - 1-1/4" sbs (New cplg's on sbs), 251 - 3/4" Norris 96 skr d w/T cplgs, 95 - 7/8" Norris 96 skr d w/T cplgs, 2 - 7/8" Norris 97 rod subs (2' & 6') & 26' x 1-1/4" PR w/1-1/2" Inr. Seated pmp. PT tbg to 500 psig w/14 bbls trtd 2% KCL wtr for 10". Tstd gd. Rlsd press. LS pmp w/rig to 1,000 psig. Gd PA. Rlsd press. HWO. SWI & SDFN.

**8/13/2010:** Started PU, pmp had no tg, but was not pmpg. Filled tbg w/10 bbls trtd 2% KCL wtr. Att to tst pmp, no PA. Unhung well & LS pmp, regained PA. LS tstd pmp to 500 psig, gd PA. Rlsd press. HWO. RWTP @ 9:00 a.m. 8-13-10. Ppg @ 2.75 SPM x 144" SL. RDMO TWS rig #2. Turn well over to prod dept to begin tst data.

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### **ENTITY ACTION FORM**

Operator:

XTO ENERGY INC.

Operator Account Number: N 2615

Address:

382 CR 3100

city AZTEC

zip 87410 state NM

Phone Number: \_\_(505) 333-3100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738503	LCU 4-12H		NENW	12	115	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	S	pud Dat	te	l .	ty Assignment fective Date
С	16655	14619	1	1/10/200	)7		12 <del>/1/200</del> 6 7////

Comments: MVRD = WSMVD

BHL= NWNW

8/24/10

WALL 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4304738504	LCU 5-12H		NENW	12	118	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	S	pud Dat	te		tity Assignment Effective Date
С	16538	14619	•	11/8/200	7		12/1/2006 7/11/2

Comments:

MVRD = WSMVD

BHL= SWNW

- 8/24/1<u>0</u>

Well 3

API Number	Weli	Name	QQ Sec Twp		Rng County		
4304738505	LCU 6-12H		NENW	12	118	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
С	16539	14619		11/7/200	7		12/1 <del>/200</del> 6 7//1/30

Comments:

MVRD = WSMVD

BAL: SENW

- 8/24/10

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

BARBARA A. NICOL

Name (Please Print)

Signature

Title

RECEIVED REGULATORY COMP. TECH

8/18/2010

Date

AUG 2 3 2010

(5/2000)

Sundry Number: 23427 API Well Number: 43047385050000

	FORM 9				
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL forn	7.UNIT or CA AGREEMENT NAME: LITTLE CANYON				
1. TYPE OF WELL Gas Well	<u> </u>		8. WELL NAME and NUMBER: LCU 6-12H		
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047385050000		
3. ADDRESS OF OPERATOR: 382 Road 3100, Aztec, NA		IONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: HILL CREEK		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0985 FNL 1503 FWL	<u> </u>		COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NENW Section:	HIP, RANGE, MERIDIAN: 12 Township: 11.0S Range: 20.0E Meridiar	n: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION		
2/1/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT					
Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER: Paraffin Treatment		
XTO Energy Inc. p following: 1/31/20 tbg w/40 bbls TFV w/2" x 1-1/4" x 16 screen). TIH w/pm TIH 7/8" rod subs &	COMPLETED OPERATIONS. Clearly show all performed a paraffin treatment 12: MIRU. TOH w/rods & pmp 180 deg mixd w/10 gals provided by the continuous rod and the c	on this well per the . 2/1/2012: Ppd dwn earaffin solvent. TIH (TO #208 w/3' mesh , 7/8" continuos rod. SPM x 120". RDMO.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 02, 2012		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Ted	ch		
SIGNATURE N/A		DATE 2/29/2012			
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